

#### GENERAL STUDIES COURSE PROPOSAL COVER FORM

(ONE COURSE PER FORM)

1.) DATE: 3/26/19	2.) COMMUNITY COLLEGE: Maricopa Co. Comm. College District		
3.) PROPOSED COURSE:	refix: GST Number: 202 Title: Games, Culture, and Aesthetics Credits: 3		
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4.) COMMUNITY COLLEGE II keith.anderson@mesacc.edu	NITIATOR: KEITH ANDERSON PHONE: 480-654-7300 EMAIL:		
ELIGIBILITY: Courses must hav transferable are not eligible for th	ve a current Course Equivalency Guide (CEG) evaluation. Courses evaluated as NT (non- tic General Studies Program.		
MANDATORY REVIEW:			
is permitted; if a course meets Form for each Area).	e is undergoing Mandatory Review for the following Core or Awareness Area (only one area more than one Core or Awareness Area, please submit a separate Mandatory Review Cover		
community college courses ev	s Council (GSC) Policies and Procedures requires the review of previously approved very five years, to verify that they continue to meet the requirements of Core or Awareness se courses. This review is also necessary as the General Studies program evolves.		
Although a course may satisfy a cused to satisfy requirements in tw	EWILL SERVE: A course may be proposed for more than one core or awareness area. core area requirement and an awareness area requirement concurrently, a course may not be to core or awareness areas simultaneously, even if approved for those areas. With ad General Studies course may be counted toward both the General Studies requirements and		
5.) PLEASE SELECT EITHER A CORE AREA OR AN AWARENESS AREA: <u>Core Areas</u> : <b>Select core area</b> <u>Awareness Areas</u> : <b>Global Awareness (G)</b>			
6.) REQUIRED DOCUMENTAT  Cover Form  Course Syllabus  Course Description  Criteria Checklist for the ar	TION		
7.) THIS COURSE CURRENTL ☐ DEC prefix ☐ Elect			
Current General Studies desig	nation(s): N/A		
Requested Effective date: 2019 Fall Course Equivalency Guide			
Is this a multi-section course?	Yes		
Is it governed by a common sy	yllabus? Yes		
Chair/Director: TAWN HAUPTL	LI, EDUCATION IC CHAIR Chair/Director Signature:		
AGSC Action: Date action taker	a: Disapproved		

Effective Date: 2019 Fall

#### Arizona State University Criteria Checklist for

#### GLOBAL AWARENESS [G]

#### **Rationale and Objectives**

Human organizations and relationships have evolved from being family and village centered to modern global interdependence. The greatest challenge in the nuclear age is developing and maintaining a global perspective which fosters international cooperation. While the modern world is comprised of politically independent states, people must transcend nationalism and recognize the significant interdependence among peoples of the world. The exposure of students to different cultural systems provides the background of thought necessary to developing a global perspective.

Cultural learning is present in many disciplines. Exposure to perspectives on art, business, engineering, music, and the natural and social sciences that lead to an understanding of the contemporary world supports the view that intercultural interaction has become a daily necessity. The complexity of American society forces people to balance regional and national goals with global concerns. Many of the most serious problems are world issues and require solutions which exhibit mutuality and reciprocity. No longer are hunger, ecology, health care delivery, language planning, information exchanges, economic and social developments, law, technology transfer, philosophy, and the arts solely national concerns; they affect all the people of the world. Survival may be dependent on the ability to generate global solutions to some of the most pressing problems.

The word university, from universitas, implies that knowledge comes from many sources and is not restricted to local, regional, or national perspectives. The Global Awareness Area recognizes the need for an understanding of the values, elements, and social processes of cultures other than the culture of the United States. Learning which recognizes the nature of others cultures and the relationship of America's cultural system to generic human goals and welfare will help create the multicultural and global perspective necessary for effective interaction in the human community.

Courses which meet the requirement in global awareness are of one or more of the following types: (1) indepth area studies which are concerned with an examination of culture-specific elements of a region of the world, country, or culture group, (2) the study of contemporary non-English language courses that have a significant cultural component, (3) comparative cultural studies with an emphasis on non-U.S. areas, and (4) in-depth studies of non-U.S. centered cultural interrelationships of global scope such as the global interdependence produced by problems of world ecology, multinational corporations, migration, and the threat of nuclear war.

Reviewed 4/2014

Proposer: Please complete the following section and attach appropriate documentation.

ASU[G] CRITERIA					
	GLOBAL AWARENESS [G]				
YES	NO		Identify Documentation Submitted		
		1. Studies must be composed of subject matter that addresses or leads to an understanding of the contemporary world outside the U.S.  2. The course must match at least one of the following	See the accompanying syllabus for GST202. On it, the course competencies 2., 4., 8., and 12 specifically reference attention to material that derives from and pertains to non-U.S. areas. Course competencies 7. and 17. pertain to the power and impact of games on "popular culture" and, hence, the contemporary world. None of the topics in the course outline are limited to U.S. areas. Of the textbooks held on reserve for student research into games, none limit their coverage of material to the United States. Those by Bell, Bottermans, Culin, Hofer, Murray, Sackson, and Topsfield primarily survey games from areas outside the United States. Most of the games described are still played in the contemporary world in places outside the United States.		
		descriptions: (check all which may apply):			

	a. In-depth area studies which are concerned with an examination of culture-specific elements of a region, country or culture group. The area or culture studied must be non-U.S. and the study must contribute to an understanding of the contemporary world.	See the accompanying syllabus for GST202. Course competencies 5., 6., 8., and 11. trace the "examination of culture-specific elements of a region, country or culture group. Readings by Bell, Caillois, Gee, Huizinga, and Topsfield dive in great depth into the "culture-specific elements of a region, country, or culture group" as these relate to games.
	b. The course is a language course for a contemporary non-English language, and has a significant cultural component.	
	c. The course is a comparative cultural study in which most, i.e., more than half, of the material is devoted to non-U.S. areas.	See the accompanying syllabus for GST202. Course competencies 5., 6., 8., 11., and 16. focus on the production and interpretation of meaning in cultures through games in predominantly "non-U.S. areas." Texts in the syllabus that offer comparative cultural studies "devoted to non-U.S. areas" are by Bell, Bottermans, Caillois, Flanagan, Huizinga, Murray, Sackson, and Topsfield.

		a non-U.Scent examines the re culture and the cultures on that significance of the U.S., both e	a study of the cultural significance of attered global issue. The course ole of its target issue within each interrelatedness of various global t issue. It looks at the cultural its issue in various cultures outside examining the issue's place within and the effects of that issue on world	See the accompanying syllabus for GST202. Course competencies 4., 5., 6., 8., 11., 12., 14., 15., 16., and 17. pertain to games' "place within each culture and the effects of [games] on world cultures." Assigned texts that pertain to the study of games "within each culture and the interrelatedness of various global cultures" include those by Bell, Bottermans, Flanagan, Caillois, Dyer-Witheford and de Peuter, Huizinga, Murray, Sackson, and Topsfield.
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#### Global Awareness [G] Page 5

Page 5 of 7

Course Prefix	Number	Title	Designation
GST	202	Games, Culture, and Aesthetics	Global Awareness (G)

Explain in detail which student activities correspond to the specific designation criteria. Please use the following organizer to explain how the criteria are being met.

Criteria (from checksheet)	How course meets spirit (contextualize specific examples in next column)	Please provide detailed evidence of how course meets criteria (i.e., where in syllabus)
SAMPLE: 2d: study the cultural significance of a non-U.S. centered global issue	SAMPLE: The course examines the cultural significance of financial markets Japan, Korea, and the UK.	SAMPLE: Module 2 shows how Japanese literature has shaped how Japanese people understand world markets. Module 3 shows how Japanese popular culture has been changed by the world financial market system. Modules 4 & 5 do the same for Korea and modules 6 & 7 do the same for the UK.
1. Studies must be composed of subject matter that addresses or leads to an understanding of the contemporary world outside the United States.	2. Debate how and why some games (e.g., Go and Chess) come to transcend temporal, geographic, and cultural barriers. 4. Compare, contrast, and evaluate games from different eras and regions of the world. 7. Assess the impact of games in advertising, art, popular culture, politics, ideology, and learning. 8. Identify and describe important game artifacts from diverse cultures as embodiments of human systems. 12. Analyze the growth of the games industry and community and the impact of this on globalization. 17. Theorize the relationship between games, media, and popular culture.	The course surveys games from antiquity to the present and compares genres across world cultures. It considers game components and mechanics; the interface between forms and contents as negotiated in games; ways in which games give structure, play, and expression to cultures and values; and criteria for analysis, criticism, and evaluation. Research pertains to comparative analyses of types of games (tabletop, video, augmented or alternate reality, pervasive, etc.) and genres within and across these categories, as well as across cultures. The majority of games to be studied in the books on library reserve for research purposes were produced and continue to be played in "non-U.S. areas of the world." The course builds awareness of developments in the contemporary analog and digital game industries. The assigned readings from Dyer-Witheford and de Peuter focus on the ways in which video games reinforce the hegemony of Western Europe over the rest of the world through global capitalism. Current theoreticians in game studies offer models for cultural criticism with universal applications regardless of geographic location. Their methodology, in other words, can and is applied to materials (games) from around the world. Research projects require knowledge about and inclusion of contemporary games.

2a. In-depth area studies which are concerned with an examination of culture-specific elements of a region, country or cultural group. The area of study must be non-U.S. and the study must contribute to an understanding of the contemporary world.

5. Discuss how games produce meaning. 6. Apply game aesthetics and disciplinary approaches to the analysis of games in a way that elaborates their larger cultural meaning. 8. Identify and describe important game artifacts from diverse cultures as embodiments of human systems. 11. Debate the role of games in the treatment and construction of identity, ethnicity, gender, and aesthetics.

The study of games requires a breadth of knowledge in that the material originates in multiple locations and cultures. But depth is required as well in the comparison and contrast of games representing different cultures. The textbook The Art of Play: Board and Card Games of India on library reserve illustrates the "culture-specific" study of "specific elements of a region, country or cultural group." Students are required in their research to consider the historical and cultural context of games, as well as their formalistic aspects. Huizinga and Caillois and the books for class on reserve at the library offer anthropological approaches to the study of games.

2c. The course is a comparative cultural study in which most, i.e., more than half, of the material is devoted to non-United States areas.

5. Discuss how games produce meaning. 6. Apply game aesthetics and disciplinary approaches to the analysis of games in a way that elaborates their larger cultural meaning. 8. Identify and describe important game artifacts from diverse cultures as embodiments of human systems. 11. Debate the role of games in the treatment and construction of identity, ethnicity, gender, and aesthetics.

The course shows how criticism, when applied to the study of games, contributes to a greater understanding of the cultures that produce the form and content. The Greeks very much believed in the arbitray and fickle nature of the deities. The use of dice, therefore, is attributed to the ancient Greeks, who saw the game mechanic as emulative of human experience and "true to life." In contrast, Christians insist that "God has a plan for all of us." As a result, they come to see games of chance as "playing God," as sacreligious and prohibited. The respective belief systems inform the relative acceptance and adoption of the dice game mechanic. The representation of games is relative to the geographic and numerical size of the places and people that produced them.

2d. The course is a study of the cultural significance of a non-United States-centered global issue. The course examines the role of its target issue within each culture and the interrelatedness of various global cultures on that issue. It looks at the cultural significance of its issue in various cultures outside the United States, both examining the issue's place within each culture and the effects of that issue on world cultures.

4. Compare, contrast, and evaluate games from different eras and regions of the world. 5. Discuss how games produce meaning. 6. Apply game aesthetics and disciplinary approaches to the analysis of games in a way that elaborates their larger cultural meaning. 8. Identify and describe important game artifacts from diverse cultures as embodiments of human systems. 11. Debate the role of games in the treatment and construction of identity, ethnicity, gender, and aesthetics. 12. Analyze the growth of the games industry and community and the impact of this on globalization. 14.

Using guidelines for the critique and evaluation of video and tabletop games, enrolled students will examine the economic impact and cultural significance of games and the industries that produce them on "various cultures outside the United States." Games, seen as "artifacts from diverse cultures," produce meaning as they achieve a large following and develop and widely shared iconography. They become sites for human desire through ritualized conflict. National sports teams develop iconography that becomes extensions of such forms of identity as ethnicity and gender.

#### Global Awareness [G] Page 7

Analyze what social tensions,	
issues, and values games	
express. 15. Explain what	
larger psychological,	
emotional, and social needs	
different games serve and	
fulfill. 16. Research how games	
may shape and/or reflect human	
attitudes, perceptions, beliefs,	
behavior, and identity of their	
consumers. 17. Theorize the	
relationship between games,	
media, and popular culture.	



#### **Games, Culture and Aesthetics**

Course: GST202 Lecture 3.0 Credit(s) 3.0 Period(s) 3.0 Load

Course Type: Academic
Load Formula: S- Standard

First Term: 2018 Spring
Final Term: Current

**Description:** Considers games as artifacts and expressions of our basic consciousness, humanity, and potential. Explores through the lens of world cultures such concepts as values, power relations, gender roles, arts, aesthetics, and desire. Compares games across cultural, temporal, geographic, and linguistic divides, for the purpose of examining and appreciating the experiences, contributions, and values of diverse populations, as conveyed through the global phenomenon of games.

**Requisites:** Prerequisites: A grade of C or better in RDG100 or (RDG100AA and RDG100AB and RDG100AC) or RDG111 or RDG112 or RDG113, or eligibility for ENG101 as indicated by appropriate writing assessment test score.

#### **MCCCD Official Course Competencies**

- 1. Survey the history of games. (I, IV, V)
- 2. Debate how and why some games (e.g., Go and Chess) come to transcend temporal, geographic, and cultural barriers. (I, IV)
- 3. Elaborate disciplinary approaches to Game Studies. (II, III)
- 4. Compare, contrast, and evaluate games from different eras and regions of the world. (IV)
- 5. Discuss how games produce meaning. (III)
- 6. Apply game aesthetics and disciplinary approaches to the analysis of games in a way that elaborates their larger cultural meaning. (III, IV)
- 7. Assess the impact of games in advertising, art, popular culture, politics, ideology, and learning. (III)
- 8. Identify and describe important game artifacts from diverse cultures as embodiments of human systems. (IV)
- 9. Research the work of influential designers, innovators, and theoreticians in Game Studies. (I, II)
- 10. Debate whether games shape and/or reflect the attitudes, perceptions, and behavior of their consumers. (II, III)
- 11. Debate the role of games in the treatment and construction of identity, ethnicity, gender, and aesthetics. (II, III)
- 12. Analyze the growth of the games industry and community and the impact of this on globalization. (V)
- 13. Predict directions in which games are headed. (V)
- 12. Analyze what social tensions, issues, and values games express. (III)
- 13. Explain what larger psychological, emotional, and social needs different games serve and fulfill. (III)
- 14. Research how games may shape and/or reflect human attitudes, perceptions, beliefs, behavior, and identity of their consumers. (II, III)
- 15. Theorize the relationship between games, media, and popular culture. (V)

#### **MCCCD Official Course Outline**

- I. Introduction to Games and Play: A Core Human Trait
  - A. Recurring Game Themes Across Cultures
  - B. Recurring Game Forms Across Cultures
- II. Approaches to Game Studies
  - A. Ethnographies and Collections
  - B. Homo Ludens and Play Theory
- C. Ludology vs. Narratology
- III. Cames and Their Larger Meaning and Impact

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  - A. Games and Art
  - B. Games and Literature
  - C. Games and Popular Culture
    - 1. Games and Nationalism
    - 2. Games and Ethnicity
    - 3. Amusement Parks
    - 4. Arcades
    - 5. Dungeons and Dragons
    - 6. Computer Games
    - 7. Game Consoles
    - 8. Team Sports
  - D. Games and Advertising
  - E. Games and Ideology
  - F. Games and Learning
    - 1. Literacy
    - 2. Motor Skills
    - 3. Identity
    - 4. Networks and Affinity Groups
    - 5. Positive Psychology
    - 6. Values and Aspirations
    - 7. Consumption
  - G. Games and Subversion (Un-Learning)
- IV. Around the World in Games
  - A. Extinct Games
  - B. Enduring Games from Ancient Civilizations
  - C. Games Practiced by Pre-Literate Societies
  - D. Games from Modern Civilizations
- V. Games and Globalization
  - A. Gaming Communities
    - 1. Tabletop Gamers
    - 2. Casinos and Gamblers
    - 3. Sports Fans
    - 4. Collaborative Online Gaming Communities
    - 5. Pervasive Gamers
  - B. The Games Industry
    - 1. Game Development Corporations
    - 2. International Game Developers Association
    - 3. The Gamification Movement
    - 4. The Serious Games Movement
    - 5. The Pervasive Games Movement
    - 6. Independent Game Developers
  - C. Global Iconography and Branding
  - D. Convergence Technologies

#### MCCCD Governing Board Approval Date: March 28, 2017

All information published is subject to change without notice. Every effort has been made to ensure the accuracy of information presented, but based on the dynamic nature of the curricular process, course and program information is subject to change in order to reflect the most current information available.

# MESA COMMUNITY COLLEGE—RED MOUNTAIN CAMPUS FALL SEMESTER 2019

#### **Course Name and Section Number:**

Course: GST202: Games, Culture, and Aesthetics

MWF 11:00a.m.-12:15 p.m. RDM S280

#### **Instructor Name and Academic Credentials:**

#### Keith Anderson

- Ph.D., Comparative Cultural and Literary Studies, The University of Arizona
- M.F.A., Creative Writing, The University of Alabama
- B.A., Government, Oberlin College

If you want to hear a little of my personal story and reasons for teaching, you may find my bio by clicking here.

#### Instructor Office Hours and Contact Information:

My office is located in Saguaro 265 on the MCC--Red Mountain Campus. Please feel welcome to drop by anytime during my regular office hours, but bear in mind that students who make an appointment always have priority over drop-ins.

My office hours for the Fall 2019 Semester are as follows:

- Mondays: 09:30 a.m. 10:30 a.m. in S265 and by appointment;
- Tuesdays: 2:00 p.m. 4:00 p.m., face-to-face in Saguaro 265, and, by appointment, from 5:45 p.m. 6:45 p.m. in the Acacia Village Instructional Support Office:
- Wednesdays: 09:30 a.m. 10:30 a.m. in S265 and by appointment;
- Thursdays: 2:00 p.m. 4:00 p.m., face-to-face in Saguaro 265, or via online chat, and, by appointment, from 5:45 p.m. 6:45 p.m. in the Acacia Village Instructional Support Office; and
- Fridays: 09:30 a.m. 10:30 a.m. in S265 and by appointment.

My office number is (480) 654-7300. The best way to reach me outside of my office hours is by way of the Canvas (course) email account. This correspondence gets forwarded to the inbox for my College email account (<a href="mailto:keith.anderson@mesacc.edu">keith.anderson@mesacc.edu</a>), which I try to check daily.

**IMPORTANT**: Please do **not** try to reach me through my Maricopa (student) email account (<u>KEILT67631@maricopa.edu</u>), as I rarely check that one, unless I am enrolled in a class myself for professional development.

IMPORTANT: Please do **not**, **not**, **not**, **not** mistakenly try to reach me through my Maricopa (student) email account (<u>KEILT67631@maricopa.edu</u>), as I rarely check that one, unless I happen to be enrolled in a class myself for professional development.

#### Maricopa County Community College District Official Course Description

Considers games as artifacts and expressions of our basic consciousness, humanity, and potential. Explores through the lens of world cultures such concepts as values, power relations, gender roles, arts, aesthetics, and desire. Compares games across cultural, temporal, geographic, and linguistic divides, for the purpose of examining and appreciating the experiences, contributions, and values of diverse populations, as conveyed through the global phenomenon of games.

**Requisites:** Prerequisites: A grade of C or better in RDG100 or (RDG100AA and RDG100AB and RDG100AC) or RDG111 or RDG112 or RDG113, or eligibility for ENG101 as indicated by appropriate writing assessment test score.

#### MCCCD Governing Board Approval Date: March 28, 2017

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- 12. Analyze the growth of the games industry and community and the impact of this on globalization. (V)
- 13. Predict directions in which games are headed. (V)
- 14. Analyze what social tensions, issues, and values games express. (III)

- 15. Explain what larger psychological, emotional, and social needs different games serve and fulfill. (III)
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- 17. Theorize the relationship between games, media, and popular culture. (V)

#### **Course Outline**

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  - A. Recurring Game Themes Across Cultures
  - B. Recurring Game Forms Across Cultures
- II. Approaches to Game Studies
  - A. Ethnographies and Collections
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  - C. Ludology vs. Narratology
- III. Games and Their Larger Meaning and Impact
  - A. Games and Art
  - B. Games and Literature
  - C. Games and Popular Culture
    - 1. Games and Nationalism
    - 2. Games and Ethnicity
    - 3. Amusement Parks
    - 4. Arcades
    - 5. Dungeons and Dragons
    - 6. Computer Games
    - 7. Game Consoles
    - 8. Team Sports
  - D. Games and Advertising
  - E. Games and Ideology
  - F. Games and Learning
    - 1. Literacy
    - 2. Motor Skills
    - 3. Identity
    - 4. Networks and Affinity Groups
    - 5. Positive Psychology
    - 6. Values and Aspirations
    - 7. Consumption
  - G. Games and Subversion (Un-Learning)
- IV. Around the World in Games
  - A. Extinct Games
  - B. Enduring Games from Ancient Civilizations
  - C. Games Practiced by Pre-Literate Societies
  - D. Games from Modern Civilizations
- V. Games and Globalization
  - A. Gaming Communities
    - 1. Tabletop Gamers

- 2. Casinos and Gamblers
- 3. Sports Fans
- 4. Collaborative Online Gaming Communities
- 5. Pervasive Gamers
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  - 1. Game Development Corporations
  - 2. International Game Developers Association
  - 3. The Gamification Movement
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  - 5. The Pervasive Games Movement
  - 6. Independent Game Developers
- C. Global Iconography and Branding
- D. Convergence Technologies

# Welcome Statement and Elaboration on This Course's Content, Organization, Requirements, and Purposes:

Play is not unique to humankind in the animal kingdom. Anyone who owns a dog readily recognizes this. Canines lower the front halves of their bodies to the ground while holding their rear ends aloft, accompanied by wagging their tails. Dogs and humans understand this sign language. Parakeets hop, chirruping deep in their throats, and dance and bob with the feathers at the fronts on their heads ruffled. Only humans, however, play games, which require instructions on how to participate, an agreed-upon arena for play bounded by time and space, a set of tools whose use is prescribed by rules, and winning conditions which, once achieved, end the ritual.

This course explores games as a medium in which humans partake the world over. It considers genres that recur across cultures and what needs they serve, be it something as individualistic as mental or physical dexterity or something as widely encompassing as gender differentiation, ethnic identity, or nationalism. It delves deeply into particular games, examining their origins and history, and speculating, if extinct, as to their demise, or, if surviving, to their longevity, or to their local, national, and/or international appeal.

In this class, we will study games as artifacts of culture and in terms of their forms and functions. We will discuss and learn what to look for in their description, categorization, analysis, and evaluation. Sometimes art has been said to be created for their own sake. It need not serve any causes. Its function is quite simple—to convey the sensual joys of color or sound or touch and finely crafted work. Oftentimes, the same is true of games. This is especially true of social and "party" games. *Card against Humanity* inspires laughter and irreverence. No one seriously thinks its players will go out and do horrible things. Sometimes, though, games, like art, can be a serious business. They can, for instance, serve as training exercises for war, occasions for moral education, indoctrination for an economic or political system, or reexaminations of historical events. As we become adept at identifying game mechanics—the interaction between objects and processes in a game—we will also analyze the ways in which they often emulate

experiences undergone in "real life." Rolling dice, for example, works on players as a metaphor for the arbitrariness of the universe. Set collection is what students engage in every semester taking their General Education or Major requirements. Experience points express the belief that wisdom and skill are accumulated and achieved over time with training.

Finally, we will study critical analyses of games with a focus on aesthetics, the study of beauty, as it applies to the medium. Most games, we will learn, have a "look and feel." In the best cases, though, the style interacts with the content in such a way that the combined effect expresses an artistic vision and intentionality of design. Which games, though, achieve the heights of artistic achievement and how? Which ones, in other words, combine form and function so cogently that players achieve an epiphany that sticks with them long after the excitement of the immediate, immersive gameplay has subsided? The hope is, once this quality is recognized and understood, students can replicate it in their own original work, long after the semester has come to an end.

#### **Required Textbooks:**

Flanagan, Mary. *Critical Play: Radical Game Design*. Cambridge: The MIT Press, 2009. Huizinga, Johan. *Homo Ludens: A Study of the Play Element in Culture*. Boston: The Beacon Press, 1955.

Salen, Katie and Eric Zimmerman. *Rules of Play: Game Design Fundamentals*. Cambridge: The MIT Press, 2004.

Sharp, John. Works of Game: On the Aesthetics of Games and Art. Cambridge: The MIT Press, 2015.

#### **Online Reading Packet:**

- Bogost, Ian. "Art" (9-17), "Music" (30-36), "Kitsch" (83-88), and "Habituation" (125-133) in *How to Do Things with Videogames*. Minneapolis: University of Minnesota Press,2011.
- Caillois, Roger. (Meyter Barash, translator). "The Definition of Play" (3-10); "The Classification of Games" (11-36); and "The Social Function of Games" (37-42) in *Man, Play and Games*. Urbana: The University of Illinois Press, 2001.
- Dyer-Witheford, Nick and Greig de Peuter. "Immaterial Labor: A Workers' History of Videogaming" (3-34) and "Cognitive Capitalism: Electronic Arts" (35-68) in *Games of Empire: Global Capitalism and Video Games*. Minneapolis: The University of Minnesota Press, 2009.
- Flanagan, Mary. Part I: Understanding Values at Play: 1. "Groundwork for Values in Games" (3-14); 2. "Uncovering Values at Play" (15-32); and 3. "Game Elements: The Language of Values" (33-75) and Part III: Values at Play at Work 8. "Inspiring Designers: "Developing a Reflective Design Process" by Tracy Fullerton (144-149) and "Playing (and Designing) with Values through Board Game Modification" by Celia Pearce (150-155).
- Gee, James. "Introduction: 36 Ways to Learn a Videogame" (1-12) and "Learning and Identity: What Does It Mean to Be a Half-Elf" (13-50). What Video Games Have to

- Teach Us About Learning and Literacy. Second Edition: Revised and Updated Edition.
- Mäyrä. Frans. "Getting into the Game: Doing Multidisciplinary Game Studies" in *The Video Game Reader, Volume 2.* (313-329). London and New York: Routledge, 2009.
- McLuhan, Marshall. "Games: The Extensions of Man" (234-245) in *Understanding Media: The Extensions of Man*. Cambridge: The MIT Press, 1994.
- Schell, Jesse. 4. "The Game Consists of *Elements*" (39-46); 5. "The Elements Support a *Theme*" (47-56); 20. "The Look and Feel of a World Is Defined by Its *Aesthetics*" (345-352); 30. "Games *Transform* Their Players" (441-452); and 32. "Each Designer Has a *Motivation*" (459-462) in *The Art of Game Design: A Book of Lenses*. Boston: Morgan Kaufmann Publishers, 2010.

#### **Textbooks on Library Reserve for Class Assignments:**

- Bell, R.C. *Board and Table Games from Many Civilizations*. Oxford: Oxford University Press, 1979.
- Bell, R.C. Discovering Old Board Games. London: Shire Publications, Ltd., 1980.
- Bottermans, Jack, Tony Burrett, Pieter van Delft, and Carla van Splunteren. *The World of Games*. New York: Facts on File, Inc., 1989.
- Culin, Stewart. *Games of the North American Indians*. New York: Dover Publications, Inc., 975.
- Hofer, Margaret. *The Games We Played: The Golden Age of Board and Table Games.* New York: Princeton Architectural Press, 2003.
- Murray, H.J.R. *A History of Board-Games Other than Chess*. Oxford: Oxford University Press, 1951.
- Sackson, Sid. *Card Games around the World*. New York: Dover Publications, Inc., 1981
- Salen, Katie and Eric Zimmerman. *The Game Design Reader: A Rules of Play Anthology*. Cambridge: The MIT Press, 2004.
- Topsfield, Andrew. The Art of Play: Board and Card Games of India. 2007.

#### **Sources for Supplemental Research on Library Reserve:**

- Burgun, Keith. *Game Design Theory: A New Philosophy for Understanding Games*. New York: CRC Press, 2013.
- Caillois, Roger. (Meyter Barash, translator). *Man, Play and Games*. Urbana: The University of Illinois Press, 2001.
- Costikyan, Gred and Drew Davidson, eds. *Tabletop Analog Game Design*. New York: ETC Press, 2011.
- Klopper, Eric. *Augmented Learning: Research and Design of Mobile Educational Games*. Cambridge: The MIT Press, 2008.
- Montola, Markus, Jaakko Stenrols, and Annika Waern, eds. *Pervasive Games: Experiences on the Boundary between Life and Play*. Burlington: Morgan Kaufmann Publishers, 2009.
- Schell, Jesse. *The Art of Game Design: A Book of Lenses*. Boston: Morgan Kaufmann Publishers, 2010.

Szulborski, Dave. This Is Not a Game: A Guide to Alternate Reality Gaming. New York:

New Fiction Publishing, 2005.

Tavinor, Grant. The Art of Videogames. West Sussex: Wiley-Blackwell, 2009.

#### **Websites for Supplemental Research**

Board Game: https://en.wikipedia.org/wiki/Board game

BoardGameGeek: Gaming Unplugged since 2000. https://boardgamegeek.com/

Gamasutra: http://www.gamasutra.com/

GamenewsHQ: https://www.gamenewshq.com

Spiel des Jahres: <a href="https://en.wikipedia.org/wiki/Spiel">https://en.wikipedia.org/wiki/Spiel</a> des Jahres

Steam: https://steamcommunity.com

#### **Assigned Films and Documentaries**

Free to Play: The Movie. Valve Production Company. (2014).

Going Cardboard: A Board Game Documentary. Lorien Green, Director. (2012).

Indie Game: The Movie. Lisanne Pajot and James Swirsky, Directors. (2012).

Lara Croft: Tomb Raider. Simon West, director. (2001). Ready Player One. Stephen Spielberg, director. (2018).

Tomb Raider. Roar Uthaug, director. (2018).

#### **Other Learning Materials:**

- A personal computer (If you don't have one at home, MCC has ample ones available in either the computer laboratory or library.)
- Internet Access/MCC email account
- Hand-outs, worksheets, films, hyperlinks
- A collegiate dictionary and companion thesaurus

#### **Course Assessments and Corresponding Competencies:**

Assessment	Competency
Discussion Post I:	Elaborate disciplinary approaches to Game Studies.
Writing Assignment I	Identify and describe important game artifacts from di-
	verse cultures as embodiments of human systems.
Game Genre Journal	Explain what larger psychological, emotional, and social
	needs different games serve and fulfill.
Discussion Post II	Debate how and why some games (e.g., Go and Chess)
	come to transcend temporal, geographic, and cultural bar-
	riers
Discussion Post III: Presen-	Research the work of influential designers, innovators,
tation on Game Designer	and theoreticians in Game Studies.
and/or Theoretician	
Online Examination: The	Survey the history of games.
History of Games.	
Discussion Post IV	Discuss how games produce meaning.

Writing Assignment II: Four Games, Four Cultures, One Genre	Compare, contrast, and evaluate games from different eras and regions of the world.
Discussion Post V	Debate whether games shape and/or reflect the attitudes, perceptions, and behavior of their consumers.
Game Analysis: Documented Research Paper I	Research how games may shape and/or reflect human attitudes, perceptions, beliefs, behavior, and identity of their consumers.
Writing Assignment III	Analyze the growth of the games industry and community and the impact of this on globalization. Predict directions in which games are headed.
Writing Assignment IV	Assess the impact of games in advertising, art, popular culture, politics, ideology, and learning. Theorize the relationship between games, media, and popular culture.
Game Analysis: Docu- mented Research Paper II	Analyze what social tensions, issues, and values games express. Apply game aesthetics and disciplinary approaches to the analysis of games in a way that elaborates their larger cultural meaning.

#### **Canvas: Learning Management System**

MCC and other Maricopa Colleges use Canvas, an online learning management system. Whether your class is face-to-face, hybrid, or entirely online, you should access your course materials in Canvas.

- How to Access Canvas
- https://learn.maricopa.edu/

#### Student Email

You will need a student email account so that your instructor can communicate with you regarding course work and performance in this class. This is available to all MCC students at no charge. Contact your instructor through your Maricopa email or through Canvas. Emails from accounts other than Maricopa (Yahoo, msn, Hotmail) will go into spam and will delete immediately. For instructions, go to: <a href="Setting Up Your Maricopa">Setting Up Your Maricopa</a> <a href="Email">Email</a></a>

#### **Submitting Assignments**

All of the work for class will be submitted in Canvas. Always pay attention to the instructions and class discussions for prompts and guidelines about how to complete your work.

#### **Backup Assignments**

Always, always, retain a copy of everything that you submit. When working on your computer, save your work frequently and keep it on an external storage device such as a USB drive, CDRW (rewritable CD), or the Cloud in case your hard drive freezes up or gets infected by a virus. Copy and paste the instructions to assignments to your word processed document and then, once finished, upload your work to the Canvas. This precaution keeps you from losing work if, for any reason, the online server goes down.

#### **Late or Missing Assignments**

Please note in the section of the syllabus below entitled "Calendar" the times and dates by which assignments are due. Late work will receive a lowered grade. If you are unable, for any reason, to complete your work according to schedule, it is *your* responsibility to contact me *immediately* and explain why. At my discretion, I may authorize an adjustment in your due dates, though a late penalty of a reduced amount may still be applied.

#### **Exam Procedures**

There is no proctored examination for this course. The final draft of Game Analysis: Documented Research Paper II will be submitted online in Canvas and will count as the Final Examination.

#### **Grading Scale**

900 - 1000 points	=	A (90% - 100%)
800 - 899 points	=	B (80% - 89%)
700 - 799 points	=	C (70% - 79%)
600 - 699 points	=	D (60% - 69%)
0 - 599 points	=	F (0% - 59%)

Total points possible: 1000 points

#### **Graded Items with Corresponding Point Values**

Syllabus Acknowledgment	Ungraded, but required	Submitted online in Canvas.
Discussion Posts (5)	200 Points	Submitted online in Canvas.
Game Journal	100 Points	Submitted online in Canvas.
Online Examination	100 Points	Submitted online in Canvas.
Writing Assignments (4)	200 Points	Submitted online in Canvas.
Rough Drafts: Documented Research Papers (2)	Individual Conferences	Submitted online in Canvas.
Final Drafts: Documented Research Papers (2)	400 Points	Submitted online in Canvas.

TOTAL	1000 POINTS	TOTAL
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## Course Calendar

All assignments are due by the beginning of class on the date specified.

Monday	Wednesday	Friday
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08/26/19	08/28/19	08/30/19
Syllabus Review. Introductions.	Reading and Discussion: Huizinga: "Nature and Significance of Play as a Cultural Phenomenon. McLuhan: "Games: The Extensions of Man."	Library Research: Board and Table Games from Many Civilizations; Discovering Old Board Games; The World of Games; Games of the North American Indians; The Games We Played; A History of Board-Games Other than Chess; Card Games around the World; The Art of Play: Board and Card Games of India.
09/02/19	09/04/19	09/06/19
LABOR DAY: HOLIDAY	Reading and Discussion: Caillois: "The Definition of Play" and "The Classification of Games" (11-36)	Library Research: Board and Table Games from Many Civilizations; Discovering Old Board Games; The World of Games; Games of the North American Indians; The Games We Played; A History of Board-Games Other than Chess; Card Games around the World; The Art of Play: Board and Card Games of India.
09/09/19	09/11/19	09/13/19
Reading and Discussion: "Getting into the Game: Doing Multidisciplinary Game Studies"  DISCUSSION POST I	Reading and Discussion: Rules of Play: Unit 1: Core Concepts: Meaningful Play; Design; Systems; Interactivity; Defining Games; Defining Digital Games; The Magic Circle; The Primary Schemas: RULES, PLAY, CULTURE.	Library Research: Board and Table Games from Many Civilizations; Discovering Old Board Games; The World of Games; Games of the North American Indians; The Games We Played; A History of Board-Games Other than Chess; Card Games around the World; The Art of Play: Board and Card Games of India.
09/16/19	09/18/19	09/20/19
Reading and Discussion: Board Game: https://en.wikipedia.org/wiki/Board game	Reading and Discussion: <i>Critical Play</i> : "Introduction to Critical Play" and "Playing House."	Reading and Discussion: Reading and Discussion: <i>Rules of Play</i> : Unit 2: Defining Rules; Games as Emergent Systems; Games as

BoardGameGeek: Gaming Unplugged since 2000. https://boardgamegeek.com/ Spiel des Jahres: https://en.wikipedia.org/wiki/Spiel des Jahres  ONLINE EXAMINATION		Systems of Uncertainty; Games as Information Theory Systems; Games as Game Theory Systems; Games as Systems of Conflict; Breaking the Rules.
09/23/19	09/25/19	09/27/19
Reading and Discussion: Caillois: "The Social Function of Games."  DISCUSSION POST II	Reading and Discussion: Homo Ludens: "Play and Contest as Civilizing Functions" and "Play and War."	Reading and Discussion: Rules of Play: Unit 3: Play: Defining Play; Games as the Play of Experience; Games as the Play of Meaning; Games as Narrative Play; Games as the Play of Simulation; Games as Social Play.
09/30/19	10/02/19	10/04/19
Reading and Discussion: Critical Play: "Board Games."  WRITING ASSIGNMENT I	Reading and Discussion: How to Do Things with Videogames. "Art"; "Music"; "Kitsch"; and "Habituation."	Reading and Discussion: <i>Critical Play</i> : "Performative Games and Objects" and "Artists' Locative Games."
10/07/19	10/09/19	10/11/19
Reading and Discussion: Rules of Play: Unit 4: Culture: Defining Culture; Games as Cultural Rhetoric; Games as Open Culture; Games as Cultural Resistance; Games as Cultural Environment.	Reading and Discussion: The Art of Game Design: 4. "The Game Consists of Elements" and 5. "The Elements Support a Theme"	Reading and Discussion: The Art of Game Design: 20. "The Look and Feel of a World Is Defined by Its Aesthetics" and 30. "Games Transform Their Players."  ROUGH DRAFT: DOCUMENTED RESEARCH PAPER I
10/11/10	10/10/10	
10/14/19	10/16/19	10/18/19
Individual Conferences	Individual Conferences	Individual Conferences
10/21/19	10/23/19	10/25/19
Reading and Discussion: The Game Design Reader: A Rules of Play Anthology. (Assigned talks and interviews)  DISCUSSION POST III	Reading and Discussion: <i>The Art of Game Design</i> . 32. "Each Designer Has a <i>Motivation</i> ."	Library Research: Board and Table Games from Many Civilizations; Discovering Old Board Games; The World of Games; Games of the North American Indians; The Games We Played; A History of Board-Games Other than Chess; Card Games around the World; The Art of Play: Board and Card Games of India.
		FINAL DRAFT: DOCUMENTED RESEARCH PAPER I

10/28/19	10/30/19	11/01/19
Reading and Discussion: <i>Lara Croft: Tomb Raider</i> (2001) versus <i>Tomb Raider</i> . (2018).  WRITING ASSIGNMENT II	Library Research: Board and Ta- ble Games from Many Civiliza- tions; Discovering Old Board Games; The World of Games; Games of the North American Indians; The Games We Played; A History of Board-Games Other than Chess; Card Games around the World; The Art of Play: Board and Card Games of India.	Library Research: Board and Table Games from Many Civilizations; Discovering Old Board Games; The World of Games; Games of the North American Indians; The Games We Played; A History of Board-Games Other than Chess; Card Games around the World; The Art of Play: Board and Card Games of India.
11/04/19	10/06/19	10/08/19
Reading and Discussion: What Video Games Have to Teach Us: "Introduction: 36 Ways to Learn a Videogame."  DISCUSSION POST IV	Reading and Discussion: What Video Games Have to Teach Us: "Learning and Identity: What Does It Mean to Be a Half-Elf?"	Reading and Discussion: Gamasutra: http://www.gamasutra.com/ GamenewsHQ: https://www.gamenewshq.com Steam: https://steamcommunity.com
11/11/19	11/13/19	11/15/19
Reading and Discussion: Homo Ludens: "Play-Forms in Art" and "The Play-Element in Contemporary Civilization."  GAME JOURNAL DUE	Reading and Discussion: Values at Play: Part I: Understanding Values at Play: 1. "Groundwork for Values in Games" and 2. "Uncovering Values at Play."	Reading and Discussion: Values at Play: Part I: Understanding Values at Play: 3. "Game Elements: The Language of Values" and Part III: Values at Plat at Work 8. "Inspiring Designers: "Developing a Reflective Design Process" by Tracy Fullerton; and "Playing (and Designing) with Values through Board Game Modification" by Celia Pearce.
11/18/19	11/20/19	11/22/19
Reading and Discussion: Ready Player One. (2018).  DISCUSSION POST V	Reading and Discussion: Dyer-Witheford, Nick and Greig de Peuter: "Immaterial Labor: A Workers' History of Videogaming" and "Cognitive Capitalism: Electronic Arts."	THANKSGIVING HOLIDAY
11/25/19	11/27/19	11/29/19
Reading and Discussion: Works of Game: "Introduction" and "Game Art."  WRITING ASSIGNMENT III	Reading and Discussion: Works of Game: "Artgames" and "Artists' Games."	Reading and Discussion: Works of Game: "Games as a Medium."  ROUGH DRAFT: DOCUMENTED RESEARCH PAPER II
12/02/19	12/04/19	12/06/19
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Individual Conferences	Individual Conferences	Individual Conferences	
12/09/19	12/11/19	12/13/19	
Reading and Discussion: Free to Play: The Movie. (2014).  WRITING ASSIGNMENT IV	Reading and Discussion: <i>Indie Game: The Movie.</i> (2012).	Reading and Discussion: Going Cardboard: A Board Game Documentary. (2012).	
12/16/19 FINAL DRAFT: DOCUMENTED RESEARCH PAPER II			

#### **Attendance Policy**

Failure to come to class for three consecutive classes will result in your being withdrawn with a "W" (withdrawn passing). After the half-way point, you will be withdrawn and assigned an "F" for your final grade. The latter scenario will adversely affect your cumulative grade point average. Extenuating circumstances may warrant an exception, but effective communication is key. Don't just disappear. Keep lines of communication open.

#### **Tardiness**

A pattern of tardy arrivals is disruptive and will negatively impact your attendance and participation grade.

#### **Financial Aid**

If you are receiving financial aid of any kind, it is your responsibility to protect your eligibility to receive financial aid by meeting the requirements of this class. Know that more than two withdrawals per academic year may make you ineligible for more aid until the classes are made up.

#### **Classroom Civility / Netiquette**

MCCCD prohibits "any conduct which is harmful, obstructive, disruptive to, or interferes with the educational process..." Students, in other words, should conduct themselves in a way that engenders mutual respect and enhances learning. All communication in this course must be respectful. Rude and insulting language will not be tolerated and may form the grounds for dismissal. The same principles apply, whether the activity is taking place in a virtual or actual environment. Consult the peer review guide for appropriate feedback.

Always be cautious with irony, humor, and satire when communicating. Joking and teasing are easily misunderstood. The opportunity for failure is compounded in online exchanges. In such cases the :-) (or smiley) helps in that it substitutes for facial cues online and helps better convey your intended tone. As a rule, remove yourself from any

situation in which you are experiencing anger. Give yourself some time and space to address the causes of your discomfiture in an appropriate manner. Don't commit your thoughts to print when you are feeling out of sorts. Avoiding writing in ALL CAPITALS, as this connotes shouting electronically. Above all, be polite and dialogue in a friendly manner.

You are additionally expected to behave in a responsible and cooperative manner. Part of becoming a better student is learning to appreciate the ideas and critiques of others.

In this class we need to come together as a community of learners in which ideas are shared and we learn by doing and explaining, not just by watching.

#### **Plagiarism Warning**

Your work should be original and, if done collaboratively, must represent your fair share of the workload. Any student whose work violates these principles will be subject to the MCCCD Academic Misconduct Policy (cheating, plagiarism). Copying phrases, sentences, paragraphs, or entire essays verbatim from the Internet or any other source without attribution (citations) constitutes plagiarism. Such behavior will result in a grade of zero on the assignment with no opportunity to resubmit work and may, depending on the severity of the transgression, result in a failing grade for the entire course. Please familiarize yourself with the sanctions against academic misconduct, which encompasses plagiarism, outlined in your student handbook. Be advised that your work may be submitted on a random basis to a plagiarism search engine to check for originality.

#### **Further Guidelines for Academic Success**

For every hour you spend in class, you should spend at least two (2) hours studying the material and completing your assignments.

Be aware that Rome was not built in a day. Quality work requires time, discipline, courage, dedication, and determination. This is no less the case in cooking or athletics than academics. Pace yourself. Find an environment that is conducive to learning and focusing. Plan ahead. Always allot yourself plenty of time in which to finish. Assume that whatever you do will invariably take twice as long as you anticipate.

Just because we are all in the same course, do not assume our familiarity with the material about which you are writing. (Some of your classmates, for instance, will not have viewed the same film.) Always err on the side of excess when it comes to providing background information and context and explaining specialized terminology. Support your observations or claims with ample evidence and examples. Impress your audience with authority gained by way of scholarship and, when appropriate, personal experience.

Here's to hoping, as a result of your having taken this class, that you don't end up feeling in regards to Arts and the Humanities what Beetle Bailey did in regards to his day.

#### **Keep Your Records Up to Date**

Please alert the Registrar of any changes in your address or phone number.

#### **Statement of Student Responsibilities**

It is your responsibility to understand the policies listed in this syllabus as these are the guidelines that your instructor will follow for grading, attendance, etc. It is also your responsibility to read and understand the college policies included in the <a href="MCC Student Handbook">MCC Student Handbook</a> as they may apply to you in the case of an incomplete grade, withdraw for failure to attend, etc.

#### **Institutional Learning Outcomes: MCC'S 4 Cs**

Our goal at MCC is to excel in teaching and learning. We are here to empower individuals to succeed in their local and global community. As part of this commitment, Institutional Student Learning Outcomes (iSLOs) have been created with the goal of embedding educational experiences in all MCC courses. ISLOs are skills and knowledge students attain through courses and experiences. Students who complete a degree, program or certificate will know they leave MCC with these skills or knowledge. MCC's iSLOs are known as MCC's 4Cs. They are Critical Thinking, Communication, Civic Engagement, and Cultural and Global Engagement. The iSLO embedded into this course are Critical Thinking, Communication, and Cultural and Global Engagement. Visit the <a href="Student Learning Outcomes">Student Learning Outcomes</a> web page for more information.

#### **Tuition Charges and Refunds**

MCC will charge tuition and fees when a student is dropped from classes after the 100% refund period (whether through the purge process for non-payment or instructor removal for failure to attend). Dates for 100% refund vary based on the class start date. Look under "Refund Policy" in the Online Policy Manual to determine refund dates.

#### Early Alert Referral System (EARS)

Mesa Community College is committed to the success of all our students. Numerous campus support services are available throughout your academic journey to assist you in achieving your educational goals. MCC has adopted an Early Alert Referral System (EARS) as part of a student success initiative to aid students in their educational pursuits. Faculty and Staff participate by alerting and referring students to campus services for added support. Students may receive a follow up call from various campus services as a result of being referred to EARS. Students are encouraged to participate, but these services are optional. Early Alert Web Page with Campus Resource Information can be located at: <a href="http://www.mesacc.edu/students/ears">http://www.mesacc.edu/students/ears</a> or locate the "Early Alert" selection at the "MyMCC" link from MCC's home page.

I will require anyone receiving either a D or F on a writing assignment to see a tutor, either online or in person. Drop-in tutoring is available in the <u>Learning Enhancement Center</u>.

#### F-1 Students

If you are an F-1 student, I'm so glad that you're in my class! You bring diversity and a world perspective to the classroom, and that helps me to fulfill one of MCC's student outcomes: Cultural and Global Engagement. Please know that you must adhere to the attendance policy that is set for this class and is listed in this syllabus. If you are withdrawn by me for the class for non-attendance, I will not place you back into the class. If you earn a W or Y (for non-attendance) and this brings you below the required 12 credits that you need to maintain your F-1 status in the USA, I will not change your grade to an F. You are given the grade that you earn. If you fall out of status, you can go through a process called "F-1 Reinstatement" with the International Education (IE) Office located in Building 36N. IE regularly sends you messages to your MCC email regarding immigration matters. Be sure to check it regularly! They also check attendance reports for all F-1 students on a weekly basis. You are here in the USA to be a student on your F-1 full time study visa, and we'll help you to maintain that status.

#### **College-Wide Online Class Student Survey**

Near the end of this course, you may receive an invitation to complete a course survey via Canvas and your MCC email. Your constructive feedback plays an important role in shaping the quality education at MCC. All responses are completely confidential, and your name is not stored with your answers in any way. In addition, instructors will not see results from the survey until after final grades are submitted. Your participation is greatly appreciated. The course survey is only given in some MCC courses, so you may not receive a survey in all courses.

#### **Disability Statement**

Students with documented disabilities who would like to discuss possible accommodations should contact the MCC Disabilities Resources and Services Office at 480-461-7447 or email drsfrontdesk@mesacc.edu.

To ensure equal access, all required course materials provided in web links are expected to meet AA Standard of Compliance with the Web Content Accessibility Guidelines (WCAG) 2.0. All internal and external course links should be evaluated by the WAVE Web Accessibility Evaluation Tool. Course materials are expected to be in compliance, or an alternative option provided upon the student's request.

Students with disabilities must have an equally effective and equivalent educational opportunity as those students without disabilities. Students experiencing difficulty accessing course materials because of a disability are expected to contact the course instructor so that a solution can be found that provides all students equal access to course materials and technology.

Information for Pregnant or Parenting Students: If you are a pregnant or parenting student you are protected under Title IX regarding classroom accommodations. Please request your accommodations through the MCC Disabilities Resources and Services Office at 480-461-7447 or email <a href="mailto:drsfrontdesk@mesacc.edu">drsfrontdesk@mesacc.edu</a>.

#### **Instructor Caveat**

The instructor reserves the right to make changes to the course calendar and policies as needed. Students will be notified in class or via the course email if this should occur.

#### **Additional Learning Resources and Corresponding Contact Information**

<u>Bookstore</u> : Order online at: <u>efollett.com bookstore network</u> and have books shipped to your home. If you prefer to visit, a branch of the MCC bookstore is located on the Red Mountain campus.	
Cashier's Office:	480-461-7400
Computer Lab Helpdesk: Information about the MCC computer labs, located at both the Main and the Red Mountain campuses. The computer labs are open to registered students and have a variety of software available. Computer courses can also be taken from your home or office if you have the appropriate hardware and software.	(480) 461-7217
Counseling: Counseling for personal concerns that are interfering with your academic success, scholarship information, career planning, job hunting skills, and information or referrals to community services.	(480) 461-7588
<u>Disability Services</u> : Enlarged text, audio books, note taker, sign language interpreter, classroom accommodations, tape recordings, assistive listening device, tutoring, extended test time, exam proctoring. Each request is handled on an individual basis.	(480) 461-7447
<u>Financial Aid</u> : Grants and scholarships are available to assist eligible students with college expenses. To be eligible for federal financial aid, students must meet application criteria and select a program of study. Applying for financial aid will take at least eight weeks, so begin early!	(480) 461-7441
Honors: Includes the President's Honor Roll, Phi Theta Kappa, and Honors Program classes with award stipends for eligible students.	(480) 461-7583 or (480) 461- 7067
<u>Library Services:</u> Library Books, videos, online databases of magazine and newspaper articles, online encyclopedias, image collections, ebooks, reference assistance (phone, in-person, or e-mail). Course media materials will be sent automatically from Library Services when tuition is paid in full.	(480) 654-7740
Records and Registration: Assistance regarding general college information; registration and records information; tuition and fee payment	(480) 461-7659

information; transcript requests; pre-requisite approvals; basic course selection; waivers.  Ask for an advisor for assistance with: your educational goals and objectives; transcript evaluation; advisement issues; and program and admissions information.	
Technology Support Helpdesk: Available to help you work through any technological barriers that may come up regarding computer use or access to online course materials.	(480) 461-7217
<u>Learning Enhancement Center</u> : Tutors help MCC students prepare for tests, learn new concepts, improve study techniques, and answer questions about assignments.	(480) 461-7678

#### **GST202** Syllabus and Course Policies Acknowledgment and Agreement

Now that you have read this syllabus in its entirety, submit the **Syllabus Acknowl-edgement Online Quiz** as an indication of your understanding what you need to do to succeed in this course. You will not be allowed to proceed in the course until you have done so.

To wit, you are stating the following:

- I understand that I need access to appropriate technologies for this course, including a computer, printer, internet. I understand how to access Canvas (learning management system) and it is my responsibility to check Canvas on a regular basis.
- I understand the attendance policy for this course, and I am aware of what constitutes "excused" absences under MCC policy.
- I understand that this class meets X times per week and I am expected to be in class for the full time.
- I understand the policy for late work and make-up tests.
- I acknowledge the consequences for academic misconduct and/or dishonesty in this course.
- I understand that I will be expected to be a contributing and participating member of class each day and that I must show all work when completing my assignments
- I understand the policies regarding cell phone (or other device) usage in class.

#### You further agree that:

- You are a dedicated learner and will take responsibility for my success in this course.
- You will spend an average of 3 hours per week outside of class completing my assignments and reviewing the course material.
- You will come to class prepared and treat my instructor and classmates with respect.
- You have received a syllabus and agree to abide by the course policies set forth.

# CRITICAL PLAY RADICAL GAME DESIGN

MARY FLANAGAN



## Contents

Preface and Acknowledgments		vi
<b>(1</b> )	Introduction to Critical Play	1
2	Playing House	17
3	Board Games	63
4	Language Games	117
3	Performative Games and Objects	149
<b>(6)</b>	Artists' Locative Games	189
7	Critical Computer Games	223
8	Designing for Critical Play	251
Notes		263
Bibliography		293
Index		319

popular culture/game studies

"In Critical Play, Flanagan uncovers a secret history of games buried deep inside folk culture, experimental media, and the world of art. Critical Play should be required reading for anyone who cares about the cultural importance and future potential of games."

ERIC ZIMMERMAN, game designer and coauthor of Rules of Play

"Mary Flanagan has written a marvelous book in *Critical Play*. As an artist and scholar, Flanagan examines play through sources that range from the Mexican Revolution of 1910 and Johan Huizinga to Marcel Duchamp and the often-overlooked Roger Caillois. Flanagan examines games and play from dollhouses to board games, from Alberto Giacometti to Fluxus, enabling us to see what it is that makes play critical. The core issue of the book is creating forms of play that ask important questions about human life. After a grand romp through the territory and history of play, Flanagan provides a crisp practical theory in her game design model. What a book! I'm ready to shake the dice and start again."

KEN FRIEDMAN, Professor, Dean, Faculty of Design, Swinburne University of Technology, Australia



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	Foreword: Frank Lantz	IX
	Preface	xiii
1	About This Book	1
2	The Design Process	11
	Commissioned Essay: Reiner Knizia	22

A	Unit 1: Core Concepts	28
3	Meaningful Play	30
4	Design	38
(3)	Systems	48
6	Interactivity	56
7	Defining Games	70
8	Defining Digital Games	84
9	The Magic Cîrcle	92
10	The Primary Schemas: RULES, PLAY, CULTURE	100
	Commissioned Game: Richard Garfield	106

A	Unit 2: RULES	116
1	Defining Rules	118
12	Rules on Three Levels	126
13	The Rules of Digital Games	140
14	Games as Emergent Systems	150
15	Games as Systems of Uncertainty	172
16	Games as Information Theory Systems	190
17	Games as Systems of Information	202
18	Games as Cybernetic Systems	212
19	Games as Game Theory Systems	230
20	Games as Systems of Conflict	248
21)	Breaking the Rules	266
	Commissioned Game: Frank Lantz	286

## **Contents**

	Unit 3: PLAY	298		Unit 4: CULTURE	502
22	Defining Play	300	29	Defining Culture	504
23	Games as the Play of Experience	312	30	Games as Cultural Rhetoric	514
24	Games as the Play of Pleasure	328	31	Games as Open Culture	536
25)	Games as the Play of Meaning	362	32	Games as Cultural Resistance	556
26)	Games as Narrative Play	376	33	Games as Cultural Environment	570
27	Games as the Play of Simulation	420		Commissioned Game: James Ernest	588
28	Games as Social Play	460			
	Commissioned Game: Kira Snyder	490		Additional Reading and Resources	602
				Conclusion	604
				Bibliography	608
				List of Games Cited	620
	•			Index	638

## Ruler of Play

Game Design Fundamentals
Katle Salen and Eric Zimmerman

As pop culture, games are as important as film or television—but game design has yet to develop a theoretical framework or critical vocabulary. In Rules of Play Katie Salen and Eric Zimmerman present a much-needed primer for this emerging field. They offer a unified model for looking at all kinds of games, from board games and sports to computer and video games. Active participants in game culture, the authors wrote Rules of Play as a catalyst for game design innovation, filling it with concepts, strategies, and methodologies for creating and understanding games.

Building an aesthetics of interactive systems, Salen and Zimmerman define core concepts such as "play," "design," and "interactivity." They look at games through a series of eighteen "game design schemas," or conceptual frameworks, including games as systems of information and emergent complexity, as contexts for social play and storytelling, and as sites of cultural ideology and resistance.

Written for game scholars, game developers, and interactive designers, Rules of Play is a textbook, reference book, and conceptual guide. It is the first comprehensive attempt to establish a solid theoretical framework for the emerging discipline of game design.

- "This is the most impressive book on game design I've ever seen. Broad in scope yet rich in detail, Rules of Play sets a new standard for game analysis."—Will Wright, game designer of Sim City and The Sims
- "Rules of Play makes a monumental contribution to the development of game theory, criticism, and design. It will instantly become a standard textbook in the field on the basis of its rigor and scope—yet it is written in such an engaging style that many will read it for pleasure. Salen and Zimmerman do for games what Sergel Eisenstein did for cinema—offer an expert practitioner's perspective on cantral aspects of the assistatics and cultural importance of an emerging medium."—Henry Jenichs, Director of Comparative Media Studies, MIT
- "Rules of Play is an exhaustive, clear, cogent, and complete resource for understanding games and game design. Salen and Zimmerman describe an encyclopedia of game design issues, techniques, and attributes, in particular, they analyze the elements that can make a game experience richer, more interesting, more emotional, more meaningful, and, ultimately, more successful. It should be the first stop you make when learning about game design."—Nathan Shodroff, author of Experience Design 1

Katie Salen is a game designer, interactive designer, and design educator. Eric Zimmerman is a veteran game designer and a founding faculty member at the NYU Game Center. They have taught at universities including MIT, the University of Texas, Parsons School of Design, New York University, Rhode Island School of Design, and the School of Visual Arts.



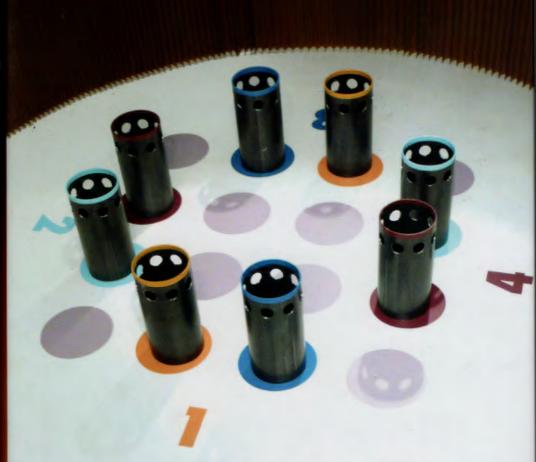


Of related interest: The Game Design Reader, a companion volume to littles of Play, featuring 32 classic essays on game design and play from the last 50 years. Together the two books represent an unprecedented foundation for the study of game design.

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## WORKS OF GAME

ON THE AESTHETICS OF GAMES AND ART

playfuthinking series

John Sharp

## **Contents**

On Thinking Playfully vii Preface ix

- 1 Introduction 1
- 2 Game Art 19
- 3 Artgames 49
- 4 Artists' Games 77
- 5 Games as a Medium 105

Notes 117 Bibliography 125 Works Cited 131 Index 137 "John Sharp's Works of Game is a foundational book for those studying or practicing game design within the domain of fine arts. Historically informative and theoretically insightful, the book provides a strong foundation for understanding the diverse ways in which fine artists have embraced games as their expressive medium of choice, as well as the cultural movements within which they have done so."

Celia Pearce, Cofounder of IndieCade; Associate Professor of Game Design, Northeastern University

"With Works of Game, John Sharp has written the fundamental reference for understanding the relation between game design and artistic practice. This book challenges our notions of the arts and games, and proposes new ways of thinking about and understanding game design as an artistic practice. For game designers, game scholars, and artists, Works of Game is a must-read."

Miguel Sicart, Associate Professor, Center for Computer Games Research, IT University of Copenhagen; author of *Play Matters* 

"This book will be of great value to all contemporary creative practitioners, whether they consider themselves artists, game designers, or some combination of the two. Not only does the book provide a strong overview of contemporary projects that walk the line between art-works and game-works, it also constructs a highly useful set of diagnostic terms that will aid us in understanding hybrid projects in the years to come."

Ted Purves, Associate Professor of Social Practice, California College of the Arts; coeditor of What We Want Is Free: Critical Exchanges in Recent Art, second edition

"Rather than asking the naive, popular question—can games be art?—John Sharp answers a more interesting one: where do games and the art world meet, and what do they talk about when they do?"

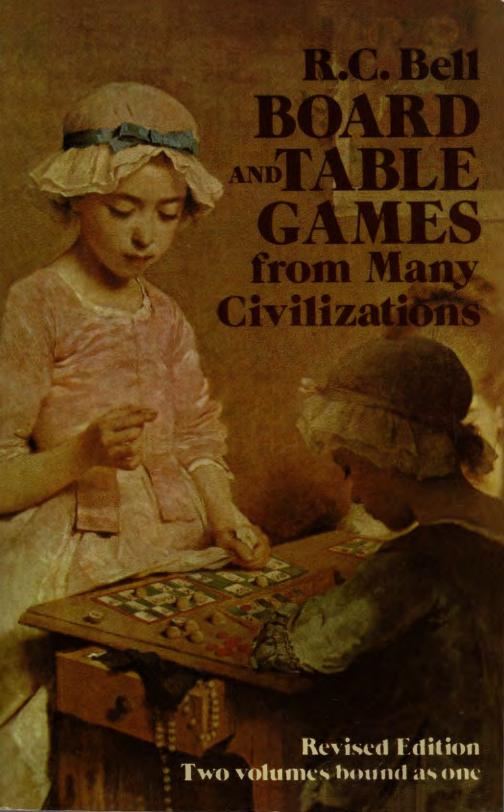
Ian Bogost, Ivan Allen College Distinguished Chair in Media Studies and Professor of Interactive Computing, Georgia Institute of Technology

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CONTEN	NTS AND BIBLIOGRAPHY	
		PAGE
INTRODUCTION		v
ACKNOWLEDGEMEN?	IS TO FIRST EDITION	vi
ACKNOWLEDGEMEN	TS TO SECOND EDITION	vi
ILLUSTRATIONS		xix
GLOSSARY		xxiv
GAME	REFERENCES	
Ch	apter One: RACE GAMES	
I. CROSS AND CIRC	CLE RACE GAMES	
NYOUT	Culin, S., Korean Games, Philadelphia, 1895, pp. 66-73. Ruiz, Alberto, Anales del Instituto Nacional de Antropologia e Historia, Mexico, 1952, Vol. 5, p. 27. Ruppert, K., The Mercado Chichen Itza, Yucatan, Carnegie Inst. Washington Pub. 546, Contribution No. 43, 1943, fig. 4c. Thompson, Eric, personal communication 1956. I am indebted to him for drawing my attention to the last two articles and also for the estimation of the age of the board at Palenque.	I
ZOHN AHL	Culin, S., Chess and Playing Cards, Washington, 1898, p. 686.	4
PATOLLI	Taylor, E. B., 'On the Game of Patolli in Ancient Mexico, and its probable Asiatic Origin', <i>Anthropology</i> , London, 1881, p. 116.	6
PACHISI	Falkener, E., Games Ancient and Oriental, London, 1892, p. 257. Culin, S., Chess and Playing Cards, Washington, 1898, p. 851.	9
LUDO		12
2. SPIRAL RACE GA		
THE HYENA GAME	Davies, R., 'Some Arab Games and Riddles', Sudan Notes and Records,	12

viii, 1925, p. 145.

the People of England, 3rd ed., 1845,

THE ROYAL GAME OF GOOSE Strutt, J., The Sports and Pastimes of

p. 336.

CONTENTS AND RIPLICODADLY

Forbes, D., History of Chess, 1860.

Oxford, 1913, pp. 55-77.

Murray, H. J. R., History of Chess,

SHATURANGA

51

GAME	REFERENCES			
THE ROYAL GAME OF GOOSE (cont.)	Whitehouse, F. R. B., Table Games of Georgian and Victorian Days, 1951, p. 57.	14		
3. SQUARE BOARD RAG	TE GAMES			
*THAAYAM	Dr. Thillai-nayagam, personal communication 1956.	17		
4. PEG SCORING BOAR	RDS			
THE PALM TREE GAME	Lord Carnarvon and Carter, H., Five Years' Excavation at Thebes, quoted by Peet, T. E., Universal History of the World, ed. Hammerton, p. 562. Gadd, C. J., 'An Egyptian game in Assyria', Iraq, 1, 1934, p. viiib and p. 46. Illustrated London News, 23 October 1937, p. 709.	20		
5. THE BACKGAMMON	N GROUP			
THE SUMERIAN GAME	Woolley, Sir Leonard, Ur, The First Phase, London, 1946.	23		
THE GAME OF THIRTY SQUARES	Ridgeway, W., Journal of Hellenic Studies, 1896, Vol. XVI, p. 288. Towry-White, E., 'Types of Ancient Egyptian Draughtsmen', Proceedings of the Society of Biblical Archaeology, Vol. XXIV, 1902, p. 261. Nash, W. I., 'Ancient Egyptian Draughtsboards and Draughtsmen', Proceedings of the Society of Biblical Archaeology, Vol. XXIV, 1902, p. 341. Murray, H. J. R., History of Board Games other than Chess, Oxford,	26		
LUDUS DUODECIM SCRIPTORUM	1952, p. 12.  Austin, R. G., 'Roman Board Games. I', Greece and Rome, Vol. IV (1934),	30		
	p. 30.			
TABULA	Emery, Walter B., Nubian Treasure, London, 1948, p. 46 and Pl. 32. Austin, R. G., 'Roman Board Games. II', Greece and Rome, IV (1934-5) p. 76. Austin, R. G., 'Zeno's Game of Table', Journal of Hellenic Studies, 1934, Vol. LIV, p. 202.	,		

CONTE	NTS AND BIBLIOGRAPHY	xi
GAME	REFERENCES	PAGE
CONTINENTAL OR POLISH DRAUGHTS	Hoyle's Games, London, 1853, pp. 404-21.	75
4. THE TAFL GROUP	Fiske, W., Chess in Iceland, Florence,	76
FOX AND GEESE	1905, p. 146. Redstone, V. B., 'England among the Wars of the Roses', Trans. R. Hist. Soc., n.s. XXI, 1902, p. 195.	70
TABLUT	Linneus, C., Lachesis Lapponica, London, 1811, ii. 55.	77
SAXON HNEFATAFL	Robinson, J. A., Time of St. Dunstan, Oxford, 1923, p. 69. Murray, H. J. R., History of Board Games other than Chess, Oxford, 1952, pp. 55-64.	79
COWS AND LEOPARDS	Parker, H., Ancient Ceylon, London, 1909, p. 581.	81
5. THE LATRUNCULO	RUM GROUP	
SEEGA	Lane, E. W., Modern Egyptians, 1890, p. 320. Petrie, F., Objects of Daily Use, British School of Archaeology in Egypt, 1927, p. 56.	82
HIGH JUMP	Marin, G., 'Somali Games', Journal of the Royal Anthropological Institute, LXI, 1931, p. 506.	84
LUDUS LATRUNCULORUM	Varro, M. T., De Lingula Latina, vii. 52.  Ovid, P. O. N., Ars Amatoria, ii. 208; iii. 358.  Bassus, S., Laus Pisonis, in the first part of the fourth volume of Wernsdorf's Poetae Latinae Minores, p. 236, v. 192.  (These three authors are quoted by Austin, R. G., 'Roman Board Games', Greece and Rome, IV (1934-5), p. 24.)	84
6. RUNNING-FIGHT	GAMES	
*TABLAN	Dr. K. V. Kasbekar, personal com- munication. The board in fig. 143 has belonged to her family for at least fifty years and is probably much older than this.	

GAME	REFERENCES	PAGE		
SHATRANJ	Murray, H. J. R., History of Chess, Oxford, 1913, pp. 220-338.			
CIRCULAR OR BYZANTINE CHESS	Strutt, J., Sports and Pastimes of the People of England, 1845 ed., p. 311. Murray, H. J. R., History of Chess, Oxford, 1913, pp. 177, 342.	62		
THE COURIER GAME	Murray, H. J. R., History of Chess, Oxford, 1913, p. 482. McBride, H. A., 'Masterpieces on Tour', National Geographical Maga- zine, December 1948.	62		
MODERN INTERNATIONAL				
CHESS		65		
THE MAHARAJAH AND THE SEPOYS	Falkener, E., Games Ancient and Oriental, 1892, pp. 217-24.	65		
CHINESE CHESS	Hyde, T., Historia Shahiludii, Oxford, 1694, p. 158. Culin, S., Korean Games, Philadelphia, 1895, p. 82. Murray, H. J. R., Oxford, History of Chess, 1913, p. 119.	66		
THE JUNGLE GAME	I am indebted to Mr. A. P. Mohideen who sent this game to me from Hong Kong, and to Mr. R. Dawson, Department of Oriental Studies, Durham University, for the translation of the Chinese instruction sheet.	68		
3. DRAUGHTS				
ENGLISH DRAUGHTS	Murray, H. J. R., History of Board Games other than Chess, Oxford, 1952, p. 72. La Roux, M., The Complete Draughts Player, London, 1955, pp. 7-16.	71		
THE LOSING GAME		72		
DIAGONAL DRAUGHTS		73		
ITALIAN DRAUGHTS	Murray, H. J. R., History of Board Games other than Chess, Oxford, 1952, p. 78, quoting Mallet, P., Le Jeu des Dames, Paris, 1668.	73		
TURKISH DRAUGHTS	Falkener, E., Games Ancient and Oriental, 1892, p. 237.	73		
REVERSI	Hoyle's Games Modernised, London, 1923, p. 447.	74		

4. REPLACEMENT GAMES

FIVE FIELD KONO

New York, Nashville, 1955, p. 107.

Culin, S., Korean Games, Philadelphia,

1895, p. 102.

CONTEN	VIS AND BIBLIOGRAPHI	AILI
GAME	REFERENCES	PAGE
HALMA	Hedges, S. G., The Home Enter- tainer (undated), p. 76.	98
5. TERRITORIAL POSSI	ESSION	
WEI-CH'I	Volpicelli, Z., 'Wei-chi', Journal of China Branch, Royal Asiatic Society, n.s. 26, 1894, p. 80.  Culin, S., Korean Games, Philadelphia, 1895, p. 91.  Falkener, E., Games Ancient and Oriental, 1892, p. 239.  Pecorini, D. and Tong Shu, The Game of Wei-chi, 1929.  Cheshire, F., Goh or Wei-chi, Hastings, 1911.  Lasker, E., Go and Go-Moku, New York, 1960.  Smith, A., The Game of Go, Vermont, 1958.  Takagawa, K., How to play Go, printed in Japan, 1956.  Takagawa, K., The Vital Points of Go, printed in Japan, 1958.  Segoe, K., Go Proverbs Illustrated,	99
6 DATES CARE	Tokyo, 1965.	
6. PATIENCE GAMES SOLITAIRE	Hedges, S. G., The Home Entertainer (undated), p. 79.	III
Chapter I	Four: MANCALA GAMES	
I. TWO-RANK MANCU	ЛLA	
mankala'h	Lane, E. W., An Account of the Manners and Customs of the Modern Egyptians, reprint from the 3rd edition of 1842, Minerva Library, 1890, p. 315.	113
	Petrie, F., Objects of Daily Use, British School of Archaeology in Egypt, 1927, p. 55. Parker, H., Ancient Ceylon, London, 1909, pp. 224, 594.	
PALLANGULI	Mohandas, S., personal communication 1957.  Durai, H. G., 'Pallanguli', Man, November 1928, p. 185.	115

CONTENTS AND BIBLIOGRAPHY

xiii

CONTENTS AND	BIBLIOGRAPHY
--------------	--------------

XV

GAME	REFERENCES	PAGE	GAME	REFERENCES	PAGE
WARI	Afoakwa, S., personal communica-	116	2. GAMES WITH SIX-	SIDED DICE	
	Bennett, G. T., in Religion and Art in		THIRTY-SIX	Scarne, J., Scarne on Dice, 1946, p. 381	. 129
	Ashanti by R. S. Rattray, Oxford,		PIG	Scarne, J., Scarne on Dice, 1946, p. 178.	
	1927, pp. 382-98. Jobson, R., The Golden Trade, 1623,		ACES IN THE POT	Wood and Goddard, The Complete Book of Games, 1940, p. 351.	-
	reprinted 1904, p. 48. Herskovits, M. J., 'Wari in the New		BARBUDI	Scarne, J., Scarne on Dice, 1946, p. 367.	130
	World', Journal of the Royal Anthro- pological Institute, Vol. XLII, 1923, pp. 23-37.		HAZARD	Hoyle, E., Hoyle's Games Improved, edited by C. Jones, 1786, pp. 252-5. Cotton, C., Compleat Gamester, 1674.	
2. FOUR-RANK				Reprinted in the English Library, 1930, as Games and Gamesters of the	
CHISOLO	Smith, E. W. and Dale, A. M., The Ila-speaking Peoples of Northern Rhodesia, London, 1920, Vol. 2, pp. 232-7. Chaplin, J. H., 'A note on Mancala	123		Restoration, p. 82. Ashton, J., The History of Gambling in England, London, 1898. Quinn, J. P., Fools of Fortune, 1890.	
	Games in Northern Rhodesia', Man,		BUCK DICE	Scarne, J., Scarne on Dice, 1946, p. 371.	136
	Vol. LVI, 1956, p. 168.		MARTINETTI	Scarne, J., Scarne on Dice, 1946, p. 388.	136
	Chapter Five: DICE GAMES		DROP DEAD	Scarne, J., Scarne on Dice, 1946, p. 374.	137
DICE	Culin, S., Chinese Games with Dice and	125	INDIAN DICE	0 40 51	
	Dominoes, Washington, 1895, p. 535. Tacitus, C., Germania A.D. 99, Cap. XXIV.		SHIP, CAPTAIN, MATE AND CREW	Scarne, J., Scarne on Dice, 1946, p. 390.	
	Fiske, W., Chess in Iceland, Florence, 1905, footnote p. 249.		SEQUENCES	Wood and Goddard, The Complete Book of Games, 1940, p. 363.	138
	Sturluson, S., <i>Heimskringla</i> , translated by S. Laing, 2nd ed. London, 1889,		TWENTY-SIX	Scarne, J., Scarne on Dice, 1946, p. 356.	139
	iii. pp. 1-2. (Quoted by W. Fiske.)		ACES	Scarne, J., Scarne on Dice, 1946, p. 384.	139
	Wright, T., History of Domestic Man- ners and Sentiments in England		3. GAMES WITH SPEC		
	during the Middle Ages, London, 1862. Lanciani, R., 'Gambling and Cheating in Ancient Rome', North American		BELL AND HAMMER	Card of Instructions in a Bell and Hammer Set in the author's posses- sion, c. 1850, maker unknown.	140
yo	Review, 1892, p. 97.			Rogers, A., personal communication 1958.	
HEADS AND TAILS	H TWO-SIDED DICE	105	CROWN AND ANCHOR	King, T., Twenty-one Games of Chance,	142
TILADS AND TAILS	Strutt, J., Sports and Pastimes of the People of England, London, 1845	12/		London (undated), p. 54.	142
THE BOWL GAME	ed., p. 337.  Brown, Mrs. N. W., 'Some Indoor and Outdoor Games of the Wabanak	127	LIAR DICE	Ogbourn, Miss L. A., personal com- munication. (A form played at Oxford University)	143
	Indians', Trans. Roy. Soc. Canada,		4 CHINESE DICE CAN		
	Sec. II, 1883, p. 41. (Quoted by S.		4. CHINESE DICE GAN		
	Culin, Chess and Playing Cards, Report Nat. Museum, 1896, p. 707.)		STRUNG FLOWERS	Culin, S., Chinese Games with Dice and Dominoes, Washington, 1895, p. 493.	145

CON	NTENTS AND BIBLIOGRAPHY	xvii
GAME	REFERENCES	PAGE
THE MATADOR GAME	Dawson, L. H., Hoyle's Games Modern- ised, 1923, p. 467.	170
CYPRUS	Anonymous Pamphlet, published by the Embossing Co., Albany, New York, U.S.A. (undated).	171
TIDDLE-A-WINK	Anonymous Pamphlet, published by the Embossing Co., Albany, New York, U.S.A. (undated).	172
Chapter Seve	n: MAKING BOARDS AND PIECES	173
A	Appendix: BIOGRAPHIES	
AUTHOR	REFERENCES	
AS-SULI	Murray, H. J. R., History of Chess, Oxford, 1913, p. 199.	179
CHARLES COTTON	Dictionary of National Biography, London, 1908, Vol. IV, p. 1223. Beresford, J., Poems of Charles Cotton 1630–1687, London, 1923, Preface. Walton, I. and Cotton, C., The Com- plete Angler, London, 1823 ed.	181
THOMAS HYDE	Dictionary of National Biography, London, 1908, Vol. X, p. 403.	184
EDMOND HOYLE	Dictionary of National Biography, London, 1908, Vol. X, p. 133. Pole, W., The Evolution of Whist, 1895, pp. 35-69.	187
JOSEPH STRUTT	Dictionary of National Biography, London, 1909, Vol. XIX, p. 65.	189
DUNCAN FORBES	Dictionary of National Biography, London, 1908, Vol. VII, p. 386.	191
EDWARD FALKENER	Dictionary of National Biography, Supplement Vol. XXII, p. 624.	193
STEWART CULIN	<ul> <li>Who Was Who in America 1847-1942, Marquis, Chicago.</li> <li>Dorsey, G. A., The American Magazine, June 1913.</li> <li>Wechsler, M., (Dept. Primitive Art, Brooklyn Museum, New York), personal communication.</li> </ul>	194
WILLARD FISKE	Dictionary of American Biography, Vol. VI, p. 417.	196

•••		
GAME	REFERENCES	PAGE
THROWING HEAVEN AND NINE	Culin, S. Chinese Games with Dice and Dominoes, Washington, 1895, p. 494.	146
PUT AND TAKE	Traditional form (Durham miners).	148
Chapte	er Six: DOMINO GAMES	
rishing	Culin, S., Chinese Games with Dice and Dominoes, Washington, 1895, pp. 508-18.	150
DISPUTING TENS	Culin, S., Korean Games, Philadelphia, 1895, p. 117.	151
COLLECTING TENS	Culin, S., Korean Games, Philadelphia, 1895, p. 118.	152
MA-JONG	Culin, S., Chinese Games with Dice and Dominoes, Washington, 1895, pp. 518-21. 'East Wind', Mah Jongg, London, 1923.	153
	Harr, L. L., How to Play Pung Chow, New York, 1923.	
	Bray, J., How to Play Mah Jong, New York, 1923.	
	Racster, O., Mah-jongg, London, 1924. Anonymous, The Standard Rules of	
	Mah-jongg, Chad Valley Co., 1924. Reeve, E. G., Advanced Mah Jongg, London, 1924.	
	Ranger, L., Directions for playing Ma jong, Shanghai (undated). Higginson, C. M. W., Mah Jongg, How to play and score (undated).	
EUROPEAN DOMINOES	Strutt, J., Sports and Pastimes of the People of England, 3rd ed., 1845, p. 322.	162
THE BLOCK GAME	Hedges, S. G., The Home Entertainer, Odhams (undated), p. 87.	163
THE BERGEN GAME	Dawson, L. H., Hoyle's Games Modern- ised, 1923, p. 469.	164
FORTY-TWO	Morehead, A. H., The Modern Hoyle, Winston, 1944, p. 255. Harbin, E. O., The Fun Encyclopaedia, 1940, p. 36.	165
BINGO	Dawson, L. H., Hoyle's Games Modern- ised, 1923, p. 470.	165
DOMINO CRIB	As played in the Officers' Mess, R.C.A.F. Station, Topcliffe, Yorks., 1945.	167

## BOARD AND TABLE GAMES from Many Civilizations R.C. Bett

There are many authoritative books on card games and chess, but only a handful on the dozens of other games known to mankind. This excellent handbook by R. C. Bell is a basic reference to board and table games from around the world, and one of the two or three finest books ever written on the subject. Originally published in two volumes in the 1960's, it is now available for the first time in a corrected, one-volume edition.

Mr. Bell's encyclopedic work provides the rules and methods of play for 182 different games: Ma-jong, Hazard, Wei-ch'i (Go), backgammon, Wari, Continental draughts, Pachisi, Japanese chess, Bidou, Domino Loo, Cribbage, and many others. Volume one is divided into chapters devoted to race games, war games, games of position, Mancala games, dice games, and domino games; volume two follows the same arrangement and then proceeds to games with numbers, card games requiring boards, and games requiring manual dexterity. Additional information is furnished on making boards and pieces, and on gaming-counters.

Mr. Bell also describes something of the origin and history of many of these games, usually the most popular:

Ma-jong: "As this is a vicious gambling game among the Chinese, elaborate precautions were developed to make cheating almost impossible."

Hazard: "This game for any number of players became a mania among gamblers in the seventeenth and eighteenth centuries, and it survives in a modified form in the modern American game of

survives in a modified form in the modern American game of

Wei-ch'i: "In the sixteenth century a State Academy was founded for the advancement and tuition of the game, and several master players were installed as professors with substantial salaries: the director, Honinbo Sansha, receiving 1,400 square yards of land and an annual income of 1,000 bushels of rice."

Games players, toymakers, and historians of culture will welcome this guided tour of games from Egypt, Meso-America, the Orient, India, Persia, Rome, Africa, Victorian England, and many other societies. Over 300 illustrations, both photographs and line drawings, add an illuminating counterpoint to the text.

Unabridged, corrected (1979) republication of the 1969 editions.



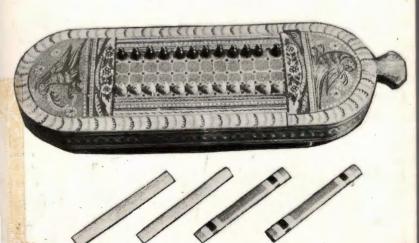
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## Old Board Games

R.C.Bell



CONTENTS						
Introduction	•••	•••	•••	•••	***	3
Glossary	•••	•••	***	•••	•••	4
1. Race games	***	•••	***		•••	6
2. War games	***	***	•••	•••	•••	21
3. Games of position	***	***	•••	•••	***	48
4. Mancala games	•••	•••	•••			63
5. Calculation games	***	•••	***	•••	***	68
6. Dice games	•••	•••	***	•••	***	73
Making boards and pieces	***	***	***		•••	77
Bibliography	***	•••	***	•••	•••	<b>7</b> 8
Index	•••	***	•••	•••	•••	79

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## INTRODUCTION

Interest in old board games may arise from finding some bygone relic in an antique shop, seeing a display on the shelves of a museum, from stumbling across obscure games in travellers' accounts, or in archaeological references to fragmentary gaming-equipment discovered on ancient sites.

This book has been written to provide the enquirer with some of the answers to questions he may wish to ask, and to whet his curiosity to explore deeper into the curious byways of man's progress as revealed by a study of his leisure diversions.

Board games fall conveniently into six groups: Race games—with the object of reaching some part of the board with one or more pieces before the opponent. War games—in which the destruction of an opposing formation, the capture of a specific piece,

or the occupation of an enemy citadel is achieved. Games of position—where the players strive to occupy particular squares or to marshal their pieces on defined portions of the board, or to occupy more area than their opponent. Mancala games—which depend upon the rapid calculation of the numbers of pieces in particular cups and form a distinct and widespread group of games. Calculation games—which were originally based on the philosophy of numbers developed by Pythagoras. Dice games—

the throws of dice are interpreted in some competitive way.

Most games fall easily into one of these groups, but a few can be included with equal justification in either of two groups. In Tablan there is a dual objective of capturing enemy pieces and occupying enemy squares and it could be classified as a war game, though probably better as a game of position; while Conspiracy can be regarded as a race game with the devil taking the hindmost, or as a game of position with one player occupying one more shelter than the other.

For ease of reference the games have been arranged in rough chronological order within each group, the earlier games usually being simpler, and the most recent more elaborate.

Archaeologists tend to disregard the importance of games in indicating contacts between civilisations. A current archaeological problem concerns the connection, if any, in the Bronze Age between the Wessex Culture and Egypt. Faience beads have been recovered from graves in both areas, and this has been advanced by some as evidence of intercourse between the two societies. Chemical analysis of the glazes of the beads shows a far higher tin content in the British beads, but in spite of this some still argue that they were exported from Egypt. During this period of c. 1500 B.C. several games including Senat, played on thirty squares, Tau,

About this book

This book has been designed to introduce the reader to a fascinating byway of social history extending from 3000 B.C. to the turn of the nineteenth century. Accounts of games have been culled from archaeological reports, travellers' tales, articles on anthropology and books on games written in several languages. This book contains descriptions of some sixty games, a few for the first time in English, most of which are recorded in sufficient detail for the reader to construct his own boards and pieces, and to enjoy many hours in solving intricacies of play. To help with the reconstruction of the games the author has drawn fifty-nine diagrams which clarify the more complex aspects of the games, and he also includes a mathematical appendix to a number game now obsolete but once popular among the intelligentsia of the Middle Ages.

About the author

R. C. Bell was born in 1917 in Sudbury, Ontario, and came to England in 1928. Educated at Haileybury College and St Bartholomew's Hospital, he qualified MB BS (London) in 1941. During the Second World War, he served in the Emergency Medical Service and then in the Royal Canadian Air Force; for two years he was Senior Medical Officer at the RCAF station at Goose Bay, Labrador. Married, with three children, he is now a consultant plastic surgeon, and is the author of several books. His first work, Board and Table Games from Many Civilisations, won the Premier Award of the Doctors' Hobbies Exhibition in London. He has written four other books in the Discovering series.

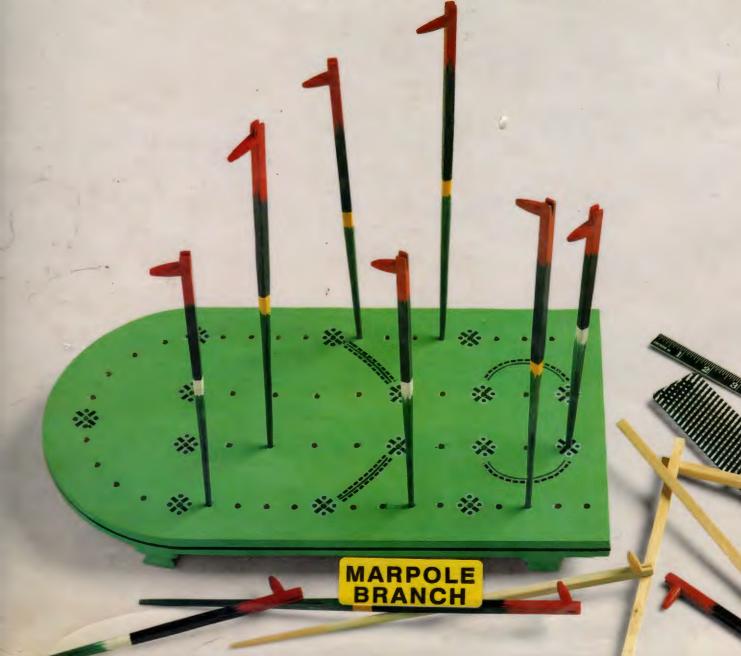
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# THE WORLD OF GANGES



## **Contents**

## **INTRODUCTION** 9

## MARPOLE BRANCH

## **ANCIENT BOARD GAMES 15**

Senat 16 Hounds and Jackals 19 The Royal Game of Ur 22 Three Mysterious Games 24 Latrunculi 26 Duodecim Scripta 27 Tabula 29

## The Games of Ancient India and Ancient China 33

Ashtapada 33 Sadurangam 34 Yih 35 Saturankam 35 T'shu-p'u 35

## **DICE GAMES** 39

## Games Using Standard Dice 40

Hazard 40
Aces 41
Martinetti 41
Thirty-six 42
Aces in the Pot 42
Barbudi 42
Buck Dice 43
Indian Dice 43
Sequences 44

Twenty-six 44

Ship, Captain, Mate and Crew 44

Help Your Neighbor 44 Throwing Sevens 44 Drop Dead 45

Mexico 45

Games Using Nonstandard Dice 46

Chinese Dice Games 46 Strung Flowers 46 Throwing Heaven and Nine (Chak t'in kau) 47

Western Dice Games 48
Poker Dice 48
Liar Dice 48
Put and Take 48
Crown and Anchor 48
Bell and Hammer 49

## **Indian Chance Games with Dice 50**

The Bowl Game (All-tes-teg-enuk) 50

Indian Guessing Games 52 The Moccasin Game 53

## Other Dice Games 56

Le Jeu des Gobelets (Thimblerig) 56 Pencil and Paper Games for Young and Old 58 Knucklebones (Jacks) 60

How to Make Your Own Dice Collection 62

## **CARD GAMES 65**

## Games Played with a 32-card Deck 68

Skat 68 Klaberjass 72 Fly from Spain 72 Swimming 73 Twenty-one (Blackjack) 74 The Last Trick 75

Below: A collection of marbles from many different countries. Some have strange and traditional names—taws, kabolas, peewees, pink panthers, Chinese bombers, milkies, steelies—among them.



## Games Played with a 52-card Deck 76

Rikken 76 Hearts 78 War 79

## Games Played with Two 52-card Decks 80

Canasta *80* Cooncan *83* Cribbage *84* 

## Games of Solitaire 86

Belle Lucie 86 Carré Napoleon (Napoleon's Square) 87 Parterre 88 Stacking 89

## **DOMINO GAMES 91**

## Chinese Domino Games 92

Tiu-ū (Fishing) 92 Tau Ngau (Bullfighting) 93 Pai Kow 93 Tien Kow 94 Mah Jong 95

## **European Domino Games** 99

The Block Game 99 Cyprus 100 Matador 100 Bergen 100 Tiddlywinks 101

Below: Children have played with spinning tops since at least Roman times. In some countries of the Pacific tops are spun to ensure the well-being of newly planted crops. Tops shown here include

models from Britain, Germany and China. The two brightly painted tops in the center are from Japan, a country where top making has been a traditional skill for centuries.



## Games of Alignment and Configuration 103

Noughts and Crosses 103
Tic-Tac-Toe 103
Three-in-a-Row 103
Five or Six Men's Morris 104
Nine Men's Morris 104
Twelve Men's Morris 106
Nine Men's Morris with Dice 106

Five-in-a-Row Games 108 Go-moku 108 Go-bang 108

Exchange Games 109 Salta and Pyramid 109 Halma 110

## War Games 112

The Alquerque Group of War Games 114
Alquerque 114
Fanorona 115
Awithlaknannai 116
Zamma 118
Hnefatafl or Alea Evangelii 119
Tablut 121
Seega 122
Gala 124
Chess 126
English Checkers or Draughts 132



Polish Checkers 134 Shogi or Japanese Chess 137 Wei-ch'i 140 Mu Torere 143

## **Hunt Games** 146

The Alquerque Group of Hunt Games 147 De Cercar la Liebre (Catch the Hare) 147 Shap Luk Kon Tseung Kwan 148 Young Luk Sz'Kon Tseung Kwan 150 Fox and Geese 151

Leopard Games 153 Tiger games 154

## Race Games 156

Kerala *157* Totolospi *159* 

Patol and Similar Games 160

Grand Jeu de l'Histoire Ancienne de la Grèce (Great Game of the History of Ancient Greece) 162 Coan Ki or The Bottle Game 164 Backgammon 166

Race Games on Cruciform Boards 172 Asi Keliya 172

## Mancala Games 174

Wari 174 Kiuthi 177 Mefuhva 178

Modern Board and Computer Games 180

## **ACTIVITY GAMES** 182

**Bowling Games** 182 Bowling on Grass 184 Jeu de Boules 188

Darts 190

## Games of the American Indians 194

Shinny 194 Lacrosse 196 Hoop and Arrow 199 Snow Snake 200 Disc and Cross 201

## Cat's Cradle 202

Ball Games 206 Hakozaki 206 Earthball 207 Indian Kickball 207 Foot Tennis 207 Tlachtli 207

## Children's Games 208

Hopscotch 208
Rope Jumping 210
Marbles 212
Soap Bubbles 214
Spinning Tops 216
Yo-yo 220
Diabolo 221

## **Kites** 223

Indian Fighter Kite 224 Tetra (Nick Morse) 225 Cody Kite 226

Puzzles 232
Bilbouquet 232
The Sliding Tangram 234
The Sphinx Puzzle 235
The Double Star Puzzle 236

## **BIBLIOGRAPHY** 238

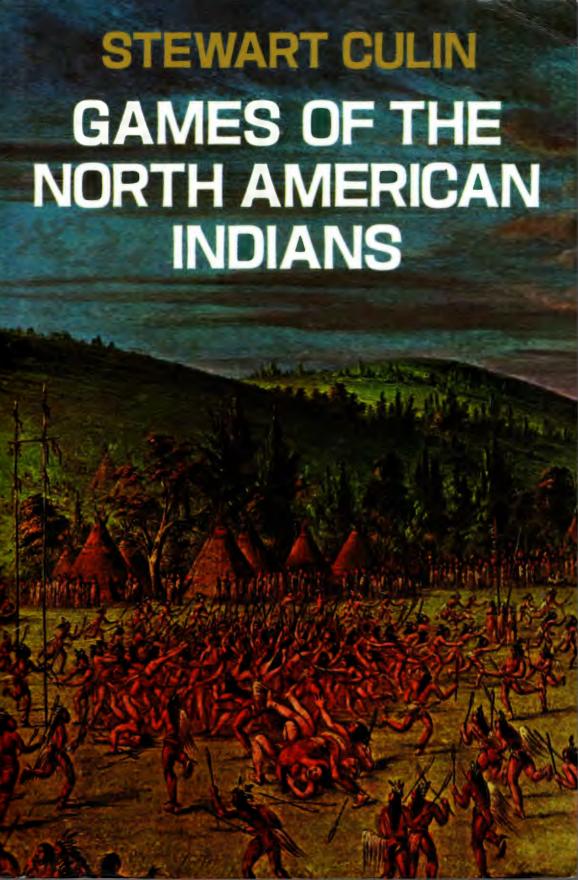
Shunting Puzzles 237

**ACKNOWLEDGMENTS 240** 

**PICTURE SOURCES 240** 



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## CONTENTS

	uge 29
	31
	36
	30 44
	44 44
	$\frac{14}{27}$
	27
	67
0	27
8,	35
	83
•	83
	99
	20
	27
Ball5	61
Racket 5	62
Shinny 6	16
Double ball 6	47
Ball race 6	65
Football6	97
Hand-and-foot ball7	04
Tossed ball 70	08
Foot-cast ball 7	11
	12
Hot ball 7	14
Minor amusements 7	15
Shuttlecock 7	17
Tipcat 7	21
Quoits 7	22
Stone-throwing 7	28
	28
	29
Swing	730
Stilts 7	31
Tops 7	733
	50
Buzz7	751
	758
	160
	761
	/81
-	789
	303
	309
	811

## STEWART CULIN GAMES OF THE NORTH AMERICAN INDIANS

This volume is the most complete work ever prepared on the games of the North American Indians. Based on the finest museum collections in the world, on travel and ethnographic accounts, and on the author's own numerous trips gathering data from many North American Indian tribes around the turn of the century, it contains virtually everything known about Indian games and illustrations of thousands of objects used in the Indian games.

Through a clear arrangement the author makes all the material readily available. Games are first divided into topical groups: dice games, guessing games and other games of chance; games of dexterity such as archery, snow-snake, hoop and pole, ring and pin, and ball; such minor amusements as shuttlecock, tipcat, stone-throwing, jackstraws, tops, bull-roarers, buzz, bean shooter and cat's cradle; unclassified games; games derived from the Europeans; and running races. Within each category the material is arranged according to tribal or other group—so you can readily find information on specific uses, or trace interconnections between games that were virtually alike even for tribes separated by great distances.

The thousands of citations describe how the games were played, the place of the games in the social and spiritual life of the tribe, the numerous variations, the great risks that were often taken, and connected ceremonies. The illustrations of artifacts will aid in labeling collections, making replicas and reconstructions, and in further understanding the ultimate symbolism of the games and the gaming pieces. In many cases the pieces were so valued that nothing would induce the owners to sell, for selling would be the equivalent of giving up good luck forever.

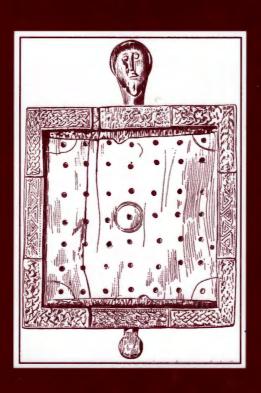
This is one of the most sought after volumes in the B.A.E. Reports published under the auspices of the Smithsonian Institution. It will be an invaluable addition to the libraries of those studying aspects of Indian social life and ceremonies, the interrelation of games between tribes, and the spiritual function of games. It will also be most useful for those interested in the history of games and gaming, and an inexhaustible treasury of practical game resources.

Unabridged republication of the accompanying paper to the Twenty-fourth Annual Report of the Bureau of American Ethnology to the Smithsonian Institution.

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## A HISTORY OF BOARD-GAMES OTHER THAN CHESS



H. J. R. MURRAY

## CONTENTS

## LIST OF ILLUSTRATIONS

page ix

## **ABBREVIATIONS**

page xii

## CHAPTER 1. INTRODUCTORY

page I

General characteristics of board-games. Sources of information. Classes of board-games. Boards, lined and latticed. Pieces or men. Lots and dice. Powers of move used in board-games. Methods of capture.

## CHAPTER 2. GAMES IN THE ANCIENT WORLD

page 12

The el-Mahasna board. 1. Egypt; 2. Ur; 3. Assyria; 4. Palestine; 5. Cyprus; 6. Crete; 7. Greece; 8. Rome; 9. Celtic games; 10. India; 11. China.

CHAPTER 3. GAMES OF ALINEMENT AND CONFIGURATION Merels. Shiva. Go-bang. Halma. Salta. page 37

## CHAPTER 4. WAR-GAMES

page 53

Battle-games; petteia; tafl. American Indian games. Alquerque; draughts; atlanbaj; chess; rithmomachy; fanorona. Territorial games; wei-k'i. Blockade games. Clearance games. War-games played with dice; tāb.

### CHAPTER 5. HUNT-GAMES

page 98

Games on the alquerque boards. Chinese and Japanese soldier games. Fox and geese, ancient and modern. Leopard games. Tiger games.

### CHAPTER 6. RACE-GAMES

page II3

Alea and its affiliated games in Asia. Tables (backgammon, trictrac, puff and verkeer, &c.). Race-games on square boards; on cruciform boards. Single-track games. American Indian games. The Arabic astronomical game.

## CHAPTER 7. MANCALA. PART I

page 158

Distribution and age of mancala. General characteristics. Mancala II games in Asia, Africa, and America.

### CHAPTER 8. MANCALA. PART II

page 205

Mancala III games. Mancala IV games in Africa.

## CHAPTER 9. THE DISTRIBUTION AND ORIGIN OF BOARD-GAMES

page 226

Lack of detailed information. Vitality of games. Their spread in the Old World explained. Independence of the American Indian games. Previous views on the origin of games examined. Necessary conditions for their invention. Most games the result of experimentation with existing objects. The analogy of string-games.

viii	CONTE	ENTS		
TABLE SHOWII	NG DISTRIBUTIO	N OF BOA	RD-GAMES	page 240
BIBLIOGRAPHY				page 242
INDEX OF GAR	MES			page 249
INDEX OF GAR	MES BY COUNTR	RIES		page 258
GENERAL IND	EX			page 261

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## CARD GAMES AROUND THE WORLD



Sid Sackson

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## **Table of Contents**

Introduction	vii
Chapter 1: CARD GAME TERMS	1
Chapter 2: GAMES FROM ASIA Sampen	4 4
Cha Kau Tsz'	5
Khanhoo	7
Kowah	10
Totit	11
Kabu	12
As Nas	13
Chapter 3: GAMES FROM EUROPE	16
La Malilla	16
La Mosca	18
Briscola	20
Scopa	22
Piquet	24
Ecarte	28
Vingt-et-Un (Blackjack)	29
Skat	32
Sechs and Sechzig (Sixty-Six)	38
Bezique	40
Polish Bezique	44
Jass	45
Klabberjass	48

Solo Whist	50
Vint	53
Tyzicha	58
Chapter 4: MORE GAMES FROM EUROPE	60
War	60
Old Maid	61
Authors	62
Hearts	63
Black Lady	65
Fan Tan	65
Eights (Crazy Eights)	67
Klondike	69
Klondike for 2 (Double Solitaire)	72
Clock	73
La Belle Loucie	74
Accordian	76
Calculation	77
Chapter 5: GAMES FROM THE BRITISH ISLES	79
Whist	79
Blackout	81
Cribbage	82
Casino	85
Royal Casino	88
Nap (Napoleon)	88
All Fours (Seven Up)	89
Newmarket (Michigan)	91
Spoil Five	92
Scotch Whist (Catch the Ten)	94
Chapter 6: GAMES FROM LATIN AMERICA	97
Conquian	97
Pif Paf	99
Canasta	101
Samba	107
Bolivia	109
Chapter 7: GAMES FROM THE UNITED STATES	111
Draw Poker	111

Stud Poker	116
Pinochle	117
Contract Bridge	120
Rummy	126
500 Rummy	128
Gin Rummy	129
Oklahoma Gin	132
Chapter 8: SOMETHING EXTRA	133
Buried Treasure	133
Divide and Conquer	135
Card Football	137
Card Stock Market	142

## CARD GAMES AROUND THE WORLD

## Sid Sackson

A leading inventor and collector of games, Sid Sackson is also an expert on game history. For this highly entertaining volume, the self-proclaimed "game addict" has selected over 60 popular games from around the world.

A brief but fascinating introductory chapter to the history of card playing is followed by a valuable glossary of terms associated with this popular pastime. Additional chapters supply instructions, detailed illustrations and an abundance of clear examples for playing such intriguing diversions as Sampen, Kowah, Kabu, Cha Kau Tsz' and Khanhoo from Asia; Skat, Blackjack, Old Maid, Fan Tan, Eights, Klondike, La Belle Loucie, Accordion and Hearts from Europe; Whist, Blackout, Cribbage, Spoil Five and Casino from the British Isles; Pif Paf, Samba, Bolivia and Canasta from Latin America; and Poker, Pinochle, Contract Bridge, Rummy and Oklahoma Gin from the United States.

Most games can be played by children or adults with a common deck of 52 playing cards (a few will need additional cards from a second deck).

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## The Game Design Reader

A Rules of Play Anthology

edited by Katie Salen and Eric Zimmerman





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## **Contents**

x	Foreword	
	Warren Spector	

## xvi Preface

Katie Salen and Eric Zimmerman

interstitial: How to Win "Super Mario Bros"

## 1 Topic Essays

Katie Salen and Eric Zimmerman

- 3 The Player Experience
- 9 The Rules of a Game
- 15 Gaming the Game
- 21 The Game Design Process
- 27 Player and Character
- 33 Games and Narrative
- 39 Game Communities
- 45 Speaking of Games
- 53 Game Design Models
- 59 Game Economies
- 65 Game Spaces
- 71 Cultural Representation
- 77 What Is a Game?
- 83 What Is Play?

## interstitial: Cosplay

- 91 Texts: Bibliography
- 93 Chart of Texts and Topics

interstitia	III	Imaragian
miersima	: Urban	irivasion

- Nature and Significance of Play as a Cultural Phenomenon (1955)

  Johan Huizinga
- The Definition of Play: The Classification of Games (1962)
  Roger Caillois
- 156 Shoot Club: The DOOM 3 Review (2004)
  Tom Chick

## interstitial: Collateral Romance

- Construction of a Definition (1990)
  Bernard Suits
- 192 | I Have No Words & I Must Design (1994) & game narrative
  Greg Costikyan
- The Cabal: Valve's Design Process for Creating Half-Life [1999]
  Ken Birdwell

## interstitial: Urban Games

- Semiotic Domains: Is Playing Video Games a "Waste of Time?" [2003]

  James Gee
- 268 The Evil Summoner FAQ v1.0: How to Be a Cheap Ass (2001)
  Mochan
- Play and Ambiguity (2001) & game narrative
  Brian Sutton-Smith
- A Theory of Play and Fantasy (1972)
  Gregory Bateson
- "Complete Freedom of Movement": Video Games as Gendered Play Spaces [1998]
  Henry Jenkins

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Design
Reader
Saler
n and Z
Zimme

interstitial:	DDR	Step	Charts
---------------	-----	------	--------

Formal Abstract Design Tools (1999) 366

Doug Church

382 Game Theory [1992]

William Poundstone

Games and Design Patterns (2005) 410 Staffan Björk and Jussi Holopainen

Tools for Creating Dramatic Game Dynamics (2005) & Game Narrative 438 Marc LeBlanc

Game Analysis: Centipede (2001) Richard Rouse III

## interstitial: Indie Game Jam

Unwritten Rules (1999) 476 Stephen Sniderman

Beyond the Rules of the Game: Why Are Rooie Rules Nice? [1983] 504 Linda Hughes

Changing the Game (1978) 518 Bernard DeKoven

The Design Evolution of Magic: The Gathering [1993 | 2004] 538 Richard Garfield

## interstitial: Blast Theory

Eyeball and Cathexis [1983] 558 David Sudnow

Frames and Games (1983) Gary Alan Fine

Bow, Nigger [2004] always\_black

Cultural Models: Do You Want to Be the Blue Sonic or the Dark Sonic? (2003) 610 James Gee

### interstitial: Red vs. Blue



Game Design as Narrative Architecture (2004) # game narrative
Henry Jenkins

690 Adventure as a Video Game: Adventure for the Atari 2600 (1983-84)
Warren Robinett

Eastern Front (1941) (2003)
Chris Crawford

## interstitial: Serious Games

728 The Lessons of Lucasfilm's Habitat (1990)
F. Randall Farmer and Chip Morningstar

754 Hearts, Clubs, Diamonds, Spades: Players Who Suit MUDs (1996)
Richard Bartle

788 Declaring the Rights of Players (2000)
Raph Koster

Virtual Worlds: A First-Hand Account of Market and Society
on the Cyberian Frontier (2001)

Edward Castronova

## interstitial: Painstation

866 Coda: Piercing the Spectacle [2005]
Brenda Laurel

## interstitial: Le Parkour

872 Interstitial Credits

876 Index

924 Final Word

Katie Salen and Eric Zimmerman

## The Game Design Reader A Rules of Play Anthology

edited by Katie Salen and Eric Zimmerman

The Game Design Reader is a one-of-a-kind collection on game design and criticism, from classic scholarly essays to cutting-edge case studies. A companion work to Katie Salen and Eric Zimmerman's fextbook Rules of Play: Game Design Fundamentals, The Game Design Reader is a classroom sourcebook, a reference for working game developers, and a great read for game fans and players.

Thirty-two essays by game designers, game critics, game fans, philosophers, anthropologists, media theorists, and others consider fundamental questions: What are games and how are they designed? How do games interact with culture at large? What critical approaches can game designers take to create game stories, game spaces, game communities, and new forms of play?

Salen and Zimmerman have collected seminal writings that span 50 years to offer a stunning array of perspectives. Game journalists express the rhythms of game play, sociologists tackle topics such as role-playing in vast virtual worlds, players rant and rave, and game designers describe the sweat and tears of bringing a game to market. Each text acts as a springboard for discussion, a potential class assignment, and a source of inspiration. The book is organized around fourteen topics, from The Player Experience to The Game Design Process, from Games and Narrative to Cultural Representation. Each topic, introduced with a short essay by Salen and Zimmerman, covers ideas and research fundamental to the study of games, and points to relevant texts within *The Reader*. An invaluable resource for professionals and a unique introduction for those new to the field, *The Game Design Reader* is essential reading for anyone who takes games seriously.





Katie Salen is a game designer and interactive designer, as well as Director of Graduate Studies, Design and Technology program, Parsons School of Design. Eric Zimmerman is a game designer, game design theorist, and the co-founder and CEO of gameLab. They have taught at universities including MIT, the University of Texas, Parsons School of Design, New York University, Rhode Island School of Design, North Carolina State University, and the School of Visual Arts.

I hope all readers—whether game development professionals, teachers, parents, students, players or politicians—heed the call to action implicit in this book. Dive in. Choose what to read, in what order.... See how a cultural theorist writing in the '6os enhances your understanding of a first-person shooter released in 2004. Participate. Think. Understand.—from the Foreword by Warren Spector

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